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## ILLINOIS

## CROP PROSPECTS.

Consolidation of Reports returned to the Department of Agriculture  
April 1, 1884.

## SEASON.

The season, while some earlier than that of 1883, is not as far advanced as usual at this date, and the same may be said of the preparations made for plowing and planting.

The snowfall since the first of January, 1884, has been unusually heavy, especially during the months of January and March. The heaviest snowfall of the year is reported in the Southern Division of the State, and, in January, averaged at the several stations 14.27 inches; 9.35 inches in the Central Division, and 7.01 inches in the Northern Division.

The snowfall in March amounted to 7.57 inches in the Central Division, 4.22 inches in the Northern Division, and 2.85 inches in the Southern Division.

The average mean temperature for the first quarter of 1884, at the several stations in the Northern and Central Divisions of the State, was from three to nine degrees below the freezing point, and but three degrees above the freezing point for the same period in the Southern Division of the State.

## TEMPERATURE.

The mean temperature for the past seven years, for the three divisions of the State, for the months of January, February and March, is given in the following tables.

## NORTHERN DIVISION.

In the Northern Division, the average mean temperature of the several stations during the first three months of 1884 was over four degrees lower than the average mean temperature during the past seven years for corresponding months.

It will be seen in the following table that the mean temperature in the Northern Division of the State was colder during the months of January, February and March, 1884 than that of any corresponding period since 1879, with the exception of 1883, when the mean temperature averaged lower than for years:

Month	Mean temperature.						
	1878.	1879.	1880.	1881.	1882.	1883.	1884.
January .....	27.00	14.00	35.00	27.70	24.42	10.65	12.92
February .....	33.00	20.00	30.00	19.10	35.84	18.71	23.99
March .....	45.00	35.00	33.00	28.80	37.80	30.39	32.72
Average .....	35.00	23.00	32.66	24.86	32.68	19.92	23.21

## CENTRAL DIVISION.

The average mean temperature of the stations in the Central Division of the State, for the months of January, February and March, 1884, is over three degrees lower than the average mean temperature for corresponding months during the past seven years.

The mean temperature in the Central Division of the State, as shown in the following table, for the first quarter of 1884, was higher than for the corresponding period of 1879, 1881 and 1883, and lower than for the same months of 1878, 1880 and 1882:

Month.	Mean temperature.						
	1878.	1879.	1880.	1881.	1882.	1883.	1884.
January .....	29.00	18.00	41.00	16.00	28.68	18.78	18.87
February .....	37.00	27.00	35.00	24.10	39.00	27.08	29.75
March .....	48.00	40.00	39.00	33.00	42.84	36.52	36.98
Average .....	38.00	28.33	38.33	24.36	36.87	27.46	28.53

## SOUTHERN DIVISION.

The average mean temperature of the stations in the Southern Division of the State for the first quarter of 1884 is nearly three degrees lower than the average mean temperature for corresponding period during the past seven years.

The mean temperature in the Southern Division of the State for the past three months of the present year, as shown in the following table, was some warmer than for the corresponding months of 1881 and 1883, and colder than for the same months in 1878, 1879, 1880 and 1882:

Month.	Mean temperature.						
	1878.	1879.	1880.	1881.	1882.	1883.	1884.
January .....	36.00	29.00	48.00	23.60	33.81	26.98	23.48
February .....	37.00	35.00	41.00	31.30	43.67	34.52	36.75
March .....	53.00	46.00	43.00	41.30	48.76	41.08	44.98
Average .....	42.00	36.66	44.00	32.06	42.08	33.99	35.07

## RAINFALL.

The distribution of the rainfall over the State during the past seven years for the months of January, February and March, is given by divisions in the following tables.



## NORTHERN DIVISION.

The rainfall or melted snow in the Northern Division of the State for the first quarter of 1884, while not as large as for the same months during the preceding four years, is more than the average rainfall for the corresponding period during the past seven years. The following table shows that the greatest rainfall for January, February and March during the past seven years in the Northern Division was in 1881, and amounted to 3.40 inches; the least for the corresponding period was 1.05 inches, in 1871:

Month.	Average Rainfall or Melted Snow at Stations.						
	1878.	1879.	1880.	1881.	1882.	1883.	1884.
January .....	0.40	0.70	3.36	1.49	1.33	1.92	1.00
February .....	1.11	1.35	2.05	4.76	1.83	4.41	2.36
March .....	2.44	1.10	2.44	3.96	3.81	0.69	3.41
Average .....	1.32	1.05	2.62	3.40	2.32	2.34	2.26

## CENTRAL DIVISION.

The average rainfall or melted snow in the Central Division of the State during the past seven years for the first quarter of the year is given in the following table.

It will be seen in the following table that the average rainfall for the months of January, February and March, 1884, with the exception of the same months in 1879, is the lowest for corresponding period since 1877 in the Central Division of the State:

Month.	Average Rainfall or Melted Snow at Stations.						
	1878.	1879.	1880.	1881.	1882.	1883.	1884.
January .....	0.91	0.79	2.82	0.90	1.84	1.38	0.82
February .....	2.77	0.78	2.82	4.90	5.49	6.53	3.92
March .....	3.72	1.70	2.50	4.72	5.15	1.25	2.64
Average .....	2.47	1.16	3.08	3.51	4.16	3.05	2.46

## SOUTHERN DIVISION.

The rainfall in the Southern division of the State has exceeded that of the Central and Northern divisions of the State the first three months of each of the past seven years with the exception of 1881.

The average rainfall in the Southern division of the State for the months of January, February and March, of 1884, as shown in the following table, is not as large as for the same months in 1882 and 1883, but larger than for 1878, 1879 and 1881:

Month.	Average Rainfall or Melted Snow at Stations.						
	1878.	1879.	1880.	1881.	1882.	1883.	1884.
January .....	3.08	3.30	3.80	1.56	4.55	2.05	1.77
February .....	2.75	2.66	3.31	4.33	7.61	8.23	5.78
March .....	2.00	2.10	3.88	2.58	4.66	2.85	3.47
Average .....	2.61	2.69	3.66	2.82	5.61	4.37	3.67

The meteorological tables and remarks of weather observers published elsewhere in this report, present many interesting facts concerning the temperature, rainfall, etc., since the first of January, 1884.

# CONDITION WINTER WHEAT APRIL 1, 1884.

NORTHERN DIVISION.				CENTRAL DIVISION.				SOUTHERN DIVISION.			
Counties.				Counties.				Counties.			
Rep'ted acre- age 1884 crop	Av. condition April 1, 1884	Av. condition April 1, 1883	Av. condition April 1, 1882	Rep'ted acre- age 1884 crop	Av. condition April 1, 1884	Av. condition April 1, 1883	Av. condition April 1, 1882	Rep'ted acre- age 1884 crop	Av. condition April 1, 1884	Av. condition April 1, 1883	Av. condition April 1, 1882
Boone.....	764	100	107	Adams.....	79,859	92	92	Alexander.....	21,201	96	110
Bureau.....	961	100	100	Brown.....	23,897	77	80	Bond.....	40,389	73	98
Carroll.....	4,046	95	92	Calhoun.....	21,000	97	84	Clay.....	30,680	72	100
Cook.....	163	80	90	Cass.....	20,308	77	115	Clinton.....	76,519	29	112
DeKalb.....	207	100	100	Champaign.....	29,406	82	115	Crawford.....	41,251	79	95
DuPage.....	406	105	102	Christian.....	64,822	95	77	Edwards.....	29,281	34	107
Grundy.....	82			Clark.....	44,050	93	95	Fayette.....	33,821	75	107
Henderson.....	3,946	90	101	Colles.....	22,622	54	76	Effingham.....	53,935	54	95
Henry.....	4,408		105	Cumberland.....	28,131	82	96	Franklin.....	4,040	58	90
Iroquois.....	6,372	40	103	De Witt.....	7,738	105	68	Gallatin.....	36,100	42	100
JoDavies.....	3,029	102	108	Douglas.....	9,831	79	105	Hamilton.....	28,502	71	103
Kane.....	187	100	100	Edgar.....	44,040	70	60	Hardin.....	5,800	47	105
Kankakee.....	2,974	77	110	Ford.....	719	75	25	Harrison.....	5,800	65	106
Kendall.....	123	90	96	Fulton.....	32,630	95	100	Jackson.....	75	121	105
Knox.....	4,035	102	108	Greene.....	62,732	95	113	Jasper.....	34,205	92	98
Lake.....	637	103	106	Hancock.....	25,720	100	95	Jefferson.....	43,825	33	97
LaSalle.....	1,574	85	86	Jersey.....	48,120	92	110	Johnson.....	28,204	72	110
Lee.....	200	100	108	Logan.....	22,648	92	116	Lawrence.....	38,908	50	98
Livingston.....	637	92	108	Macon.....	21,586	90	107	Madison.....	114,361	87	88
Marshall.....	600		120	Macoupin.....	99,453	91	55	Marion.....	42,631	51	98
McHenry.....	697	100	103	Mason.....	10,927	102	86	Massac.....	19,084	78	106
Mercer.....	1,123	100	106	McDonough.....	10,212	97	106	Monroe.....	65,429	100	105
Monroe.....	2,315	100	107	McLean.....	18,189	84	106	Perry.....	37,329	70	105
Orle.....	4,579	98	98	Menard.....	18,620	95	109	Pope.....	18,429	82	110
Peoria.....	1,050	97	106	Montgomery.....	86,392	79	89	Pulaski.....	10,671	97	116
Penn.....	304	54	77	Morgan.....	41,555	107	68	Randolph.....	89,944	95	118
Rock Island.....	363	100	95	Moultrie.....	16,175	73	80	Richland.....	33,559	43	94
Star.....	5,202	95	105	Moutrie.....	14,506	82	103	Saltine.....	14,935	70	100
Stephenson.....	1,174	91	63	Pike.....	95,651	81	106	St. Clair.....	146,795	90	115
Warren.....	241	50	105	Sangamon.....	59,586	83	98	Union.....	27,220	87	107
Whiteside.....	1,100	95	105	Schuyler.....	30,739	96	101	Wabash.....	25,363	72	100
Will.....	1,292	90	106	Scott.....	15,679	97	89	Washington.....	107,313	82	106
Winnebago.....	1,202	90	97	Shelby.....	59,133	73	87	Wayne.....	43,019	42	100
Woodford.....	4,341	100	97	Shelby.....	23,895	74	95	White.....	45,900	78	110
Woodford.....	4,341	100	97	Tazewell.....	53,835	88	107	Williamson.....	31,415	69	100
Total or average.....	55,152	90	78	Tazewell.....	35,526	67	114	Total or average.....	1,461,705	68	103
				Total or average.....	1,235,893	87	100				



## RYE.

The area of rye in all portions of the State is less than last season, and the entire acreage seeded to this crop last fall, amounts to only 247,937 acres.

Nearly two-thirds the area devoted to this crop is located in the Northern Division of the State, where the condition promises ninety-six per cent. of an average yield per acre.

The condition of the crop in the Central Division of the State promises nearly an average yield per acre. The crop will make but little over three-fourths of an average yield per acre in the Southern Division of the State.

Rye is principally grown for winter and early spring pasturage, and generally stands the winter well.

The table on page 8 of this report gives the area and condition of rye in all the counties in the State.

## WINTER WHEAT.

The area of the growing wheat is seven per cent. less than that of the preceding year, and amounts to 2,752,750 acres, a decrease of 174,632 acres, as compared with the acreage of the previous seeding.

The drouth, which prevailed in the winter wheat region of the State during the seeding time, made it necessary to sow much of the area so late that the plant made but little growth before the severe winter weather came on.

Where the growing crop had the benefit of snow protection, there is but little complaint of wheat winter-killing.

The principal part of the winter wheat grown in the State is produced in the Southern Division where the condition does not give encouragement for much over two-thirds of an average yield per acre. In the Central Division of the State, where nearly one-half the winter wheat area of the State is located, the prospects are encouraging for 87 per cent. of an average yield per acre.

In some localities the early sown wheat was seriously damaged by the Hessian-fly.

The winter wheat area is quite limited in the Northern division of the State, but the average condition of the crop in this section promises a larger yield per acre than in any other portion of the State.

The condition of winter wheat was up to an average April 1, 1884, in the following counties: Boone, DeKalb, DuPage, JoDaviess, Kane, Knox, Lake, Lee, McHenry, Mercer, Ogle, Stark, Woodford, Cass, DeWitt, Greene, Hancock, Mason, Menard, Morgan and Monroe.

It is difficult yet to determine the amount of wheat winter killed, except in the southern counties, as the favorable weather is freshening up many fields of wheat that were quite brown ten days ago.

The snow protection in a good portion of the State during the winter and along into March prevented the damage frequently resulting to wheat in February and March from freezing and thawing weather.

The table on page 4, gives the area of the growing wheat crop, and the condition of this crop the first of April for a term of years.

## FARM ANIMALS.

The reports of correspondents from each county in the State, and published in this report, indicate that live stock has generally come through the winter in good condition, and that there are comparatively few complaints of disease among farm animals.

Investigations in regard to the supposed existence of pleuro-pneumonia and foot and mouth disease among cattle in certain counties in the State, have been made, and the official reports concerning the cause of such unfounded rumors are published elsewhere in this report.

## HORSES.

There has been a very large demand from other States for work horses during the past winter, and the number of horses on hand is less than last season at corresponding date. Horses have generally come through the winter in good condition and there are but few complaints of diseases among horses or mules.

A few cases of distemper, chiefly among colts, are reported in the counties of Brown, Bureau, Clinton, Hancock, Livingston, Piatt and Williamson.

A disease among horses similar to, and by some considered as glanders, is reported as existing in the counties of Hancock, Livingston, Rock Island, Schuyler and Whiteside.

A few cases of so-called pinkeye and influenza are reported in the counties of Jo Daviess, LaSalle, Henderson and Jasper.

In the counties of Henderson and Jasper a large number of mares are aborting at seven and eight months, supposed to be the result of pinkeye.

## CATTLE.

The abundant crop of hay harvested last season enabled farmers to bring their cattle through the long cold winter in comparatively good condition, notwithstanding the partial failure and poor quality of the late corn crop.

The number of feeding cattle in the State ready for market is quite limited owing to the demand for butchers' stock at good prices, and the necessity of farmers for money.

The number of milch cows in the State is some larger than last season at corresponding date, and more attention is given each succeeding year to dairy farming.

## SHEEP.

Sheep are generally healthy and in fair condition. The number of sheep on hand is not as large as last season.

The depreciation in the price of wool of late years has had a depressing effect upon sheep husbandry.

There is an increased interest in the breeding of mutton sheep throughout the State of late, which may in time partially counteract the influence of a poor wool market.

The cold, wet weather during the lambing season has resulted in the loss of an unusually large percentage of young lambs.

## HOGS.

The number of hogs on hand is much less than last season at corresponding date.

Farmers have endeavored to relieve themselves of the pressure of the hard times by selling at fair prices many hogs that were only partially fattened. The partial failure and poor quality of the late corn crop also induced farmers to market their hogs earlier in the season than usual, and at much lighter weights.

The complaints of disease among hogs are the exception, and considering the severity and length of the winter, swine are in much better condition than could reasonably be expected.

The satisfactory prices obtained for pork products the past season, and the limited number of hogs, have doubtless induced farmers to take better care of their breeding stock.

## AGRICULTURAL STATISTICS.

The great value of the crop statistics of this department mainly consists in their early and prompt appearance during the growing season, and immediately after harvest, when the information as to condition and yield is most needed to enable the producer and legitimate dealer to decide as to the supply and value of the crop.

The last official acreage of crops, as reported by assessors, is used as a basis for applying the estimates of crop correspondents as to the area and yield of the growing crops. It is not to be expected that the estimates of correspondents will more than closely approximate the assessed return reported the following year.

The estimates of correspondents, with few exceptions, have been below the returns of assessors made the succeeding year, and during the last six years the reports, when compared with the assessment, have confirmed the superior judgment and careful observations made by correspondents, who are farmers of experience and standing, and largely interested in the accuracy of the returns, and, as a rule, are inclined to the side of conservatism.

## BASIS FOR ESTIMATING ACREAGE, CONDITION, ETC.

It will be observed that the number 100 is used to represent the acreage of the crop of 1883, with which the acreage of the present crop is compared; also a fair average yield and a fair average vitality of growth, unaffected by storms, insects and contingencies; an increase of one-tenth, or ten per cent, is recorded 110; a decrease of five per cent. is marked 95, etc.

Respectfully submitted,

S. D. FISHER,

*Secretary.*



# CONDITION WINTER RYE, APRIL 1, 1884.

NORTHERN DIVISION.				CENTRAL DIVISION.				SOUTHERN DIVISION.			
Counties.				Counties.				Counties.			
Rep'ted acre- age 1884 crop.	Av. condition April 1, 1884.	Av. condition April 1, 1883.	Av. condition April 1, 1882.	Rep'ted acre- age 1884 crop.	Av. condition April 1, 1884.	Av. condition April 1, 1883.	Av. condition April 1, 1882.	Rep'ted acre- age 1884 crop.	Av. condition April 1, 1884.	Av. condition April 1, 1883.	Av. condition April 1, 1882.
Boone.....	1,620	100	98	103	Adams.....	1,423	100	30	Alexander.....	80	105
Bureau.....	6,165	92	100	95	Brown.....	7,711	97	238	Bond.....	90	95
Carroll.....	8,618	102	85	98	Cathoun.....	35	100	185	Clay.....	95	95
Cook.....	926	93	98	100	Cass.....	668	105	134	Clinton.....	82	112
DeKalb.....	1,588	82	80	103	Champaign.....	4,872	90	294	Crawford.....	85	86
DuPage.....	1,631	102	80	103	Christian.....	839	96	264	Edwards.....	65	110
Grund.....	1,833	95	90	100	Clark.....	330	99	577	Edgingham.....	71	93
Henderson.....	6,430	100	95	100	Coles.....	495	97	575	Fayette.....	57	100
Henry.....	2,350	85	80	105	Cumberland.....	250	100	225	Franklin.....	5	75
Jacquets.....	3,504	70	81	98	De Witt.....	926	108	48	Gallatin.....	77	68
Jo Daviess.....	2,115	102	95	101	Douglas.....	931	92	105	Hamilton.....	68	105
Kane.....	2,281	98	93	103	Edgar.....	310	97	107	Hardin.....	95	90
Kankakee.....	4,374	95	85	110	Ford.....	1,430	97	169	Jackson.....	107	100
Kendall.....	7,231	100	95	107	Greene.....	13,024	96	451	Jasper.....	35	62
Knox.....	8,001	102	90	105	Fulton.....	690	110	132	Jefferson.....	59	80
Lake.....	4,881	100	85	103	Hancock.....	5,760	100	68	Johnson.....	70	100
LaSalle.....	4,875	110	86	103	Harvey.....	61	100	282	Lavene.....	75	100
Lee.....	2,992	80	70	110	Jersey.....	3,318	95	162	Madison.....	100	83
Livingston.....	6,486	90	60	106	Logan.....	859	95	392	Mation.....	65	95
Marshall.....	3,000	100	95	100	Macoupin.....	561	78	170	Massac.....	62	87
McHenry.....	1,156	100	83	100	Monroe.....	100	98	102	Monroe.....	102	95
McHenry.....	3,181	100	73	103	McDonough.....	10,464	95	105	Perry.....	100	84
McHenry.....	3,181	100	73	103	McDonough.....	14,057	92	105	Pope.....	87	100
Ogle.....	6,035	97	98	104	McLean.....	1,072	100	105	Pulaski.....	66	100
Peoria.....	6,405	96	90	107	Menard.....	1,699	83	87	Randolph.....	166	85
Putnam.....	1,493	100	93	107	Montgomery.....	4,700	103	96	Richland.....	489	97
Rock Island.....	4,637	100	90	101	Morgan.....	4,700	103	96	Saline.....	60	64
Stark.....	2,295	100	91	102	Moultrie.....	400	100	101	St. Clair.....	77	95
Stephenson.....	15,144	96	91	103	Patt.....	1,691	95	101	Union.....	122	102
Warren.....	3,204	98	88	106	Pike.....	1,161	100	90	Washington.....	104	100
Whiteside.....	14,659	85	80	110	Sangamon.....	2,916	100	103	Wayne.....	90	103
Will.....	3,807	97	95	110	Schuyler.....	1,229	97	100	Williamson.....	228	85
Winnebago.....	10,320	98	91	112	Scott.....	257	100	96	White.....	92	100
Woodford.....	4,633	100	87	101	Shelby.....	990	90	94	Williams.....	48	110
					Tazewell.....	4,392	94	87		50	100
					Vermilion.....	1,837	83	117		73	100
Total or average.....	156,119	96	88	103	Total or average.....	85,367	96	86	Total or average.....	6,451	76

## CORRESPONDENTS' REMARKS.

**ADAMS**—The winter wheat area is not as large as last season; the crop is growing rapidly and improving in condition, and with continued favorable conditions will make an average yield per acre. Some fields of wheat on northwest hillsides, show the want of snow protection and the wheat on such exposed locations looks bad. Rye is up to an average in condition and the area is as large as last season; the area of this crop in the county is not large. Cattle are in good health and in good condition and the number on hand about the same as last season at corresponding date. There is considerable interest taken in the improvement in horse breeding and a number of Clyde stallions are being used in the county. The number of sheep in the county is quite limited and in some localities there are complaints of loss by disease. Hogs are doing well and there are no complaints of loss by disease. Some have commenced plowing for oats—all except drained lot is very wet, and the continued rains are not very encouraging for farmers who have undrained farms.

**ALEXANDER**—The area of winter wheat is some larger than last season, and the condition promises nearly an average yield per acre; the plant is well rooted and is not likely to be damaged by any ordinary freezing weather. Drilled wheat looks much better than the wheat sown broadcast; considerable complaint of cockle in wheat. The area of rye is as large as last year, which is quite limited. The condition promises over three-fourths of an average yield per acre. Cattle have come through the winter in rather thin condition owing to the long winter and the scarcity of forage. Horses are in medium condition; the number is about the same as last year at corresponding date; there is a good demand for horses. Sheep are in fair condition; there are more complaints than usual that sheep are not healthy. Hogs are generally healthy; the number on hand is quite limited. Oats have been sown in small quantities. Farmers are in good spirits and seem determined to make an earnest effort to have good crops.

**BOND**—The area of wheat is much below that of last year, and the condition promises to exceed three-fourths of an average yield per acre. The damage to wheat has been principally to late sown wheat on undrained land. The drilled wheat looks much better than that sown broadcast. In some portions of the county considerable wheat is

reported winter killed. Wheat has much improved in condition during the past month. The area of winter rye is not as large as last season; the crop is nearly up to an average in condition. But little attention is given to the cultivation of rye in the county. Cattle have come through the winter in rather thin condition; there are no complaints of disease among cattle; the number of cattle is not as large as last season at corresponding date. Horses are healthy with the exception of some few complaints of distemper; horses are in fair condition and bring higher prices than heretofore. There is a slight increase in the number of sheep compared with same date last season; some complaint of sheep dying of liver rot; lambs are not strong and a large proportion are dying. The supply of hogs is quite limited; there are no complaints of disease; some loss of early pigs, the result of the storms. There is considerable inquiry for good seed corn; farm prospects are only fair; season backward; no oats sown; grass is starting well considering cool weather.

**BOONE**—The area of winter wheat in this county is quite limited, and is not as large as last season—wheat looks well and is nearly up to an average in condition. Rye looks well and the area is about as large as that of the previous crop. Cattle are in fair condition but healthy—some complaint among dairymen of abortion among the cows. Horses have come through the winter in medium condition—the number of horses is some larger than last season at corresponding date. The number of sheep is not as large as last year—sheep are healthy and in good seasonable condition. Hogs are in fair condition, the number on hand is less than usual for the season. The soil is in good condition for spring work, and the farmers are generally in good spirits.

**BROWN**—The wheat area is much less than that of the previous seeding and the condition of the crop promises but little over three-fourths of an average yield per acre—nearly all the wheat is drilled and looks better than that sown broadcast—the early sown wheat looks better than the late seeding; much of the wheat that went into "winter quarters" in bad condition now looks better than was expected, owing to the snow protection and favorable spring—less than ten per cent. of the area is reported winter-killed. Rye is nearly up to an average in condition—the area is less than last season. Cattle have wintered re-



markedly well considering the scarcity of corn: the abundant hay crop of last season has been largely drawn upon for wintering all kinds of stock—the interest in the improved breeds of cattle is increasing, and the Shorthorn breed is quite popular. Horses are healthy and in good condition; in some localities there have been complaints of distemper among the horses—there is a good demand for heavy horses and a number of Cydesdale stallions have been brought into the county recently. The number of sheep in the county is less than usual at this season.—a few cases of scab are reported in certain localities. The season is rather backward—farmers are generally in good spirits, and hopeful for the best results.

**BUREAU**—Hardly enough winter wheat grown in the county to be worthy of mention, and the area is less than last season—wheat has made some growth of late, but from present prospects there will not be two-thirds of an average yield per acre. The area of rye is less than last year; the crop is nearly up to an average in condition. Cattle have generally wintered well and will go out to pasture in better than average condition—not as many on hand as usual. A large amount of capital and intelligence are engaged in this county in developing the heavy draft and lighter road and carriage horses—horses are healthy but in rather thin condition. Sheep are healthy and doing well: young lambs are coming strong—more attention is being paid to sheep husbandry than in the past. The deficient corn crop last fall induced farmers to sell off their hogs closely, and the number on hand is much below the average for the season. If the weather continues as propitious as it has been for some time, crops will be in the ground earlier than for the past few years.

**CALHOUN**—The area of winter wheat is about as large as last season, and the crop is nearly up to an average in condition. The early sown wheat looks more promising than the late seeding, and the drilled wheat is in better condition than that sown broadcast. The amount winter-killed is proportionately small. Rye is up to an average in condition, and the area is as large as last season. Farm animals are generally healthy, and, with the exception of hogs, the number on hand is as large as last season. Farmers are engaged in seeding oats. The prospects for crops the coming season are generally considered good by the farmers.

**CARROLL**—The area of winter wheat is some larger than last season, and, from present prospects, there will be nearly an average yield per acre. About 15 per cent. of the area is reported winter-killed—the damage is mainly on exposed land, where the snow was blown off. Rye is slightly above the average in condition, and the area is as large as last season. Cattle are about up to the average in condition, but butcher's stock is scarce. Horses are in fair seasonable condition, and in number compare favorably with corresponding date in 1883. Sheep are thin in flesh, and the number is not as large as last season. Hogs are not up to the average in condition, and the number is much less than usual at this season. Soil is in good condition for spring work—snow melted slowly without flooding the ground. Frost is nearly out of the ground, and some have commenced plowing. Farming prospects are good.

**CASS**—The area of wheat is some larger than last season, and from present prospects there will be more than an average yield per acre. A very limited area of wheat was winter-killed, and the crop is ten days earlier in growth than at corresponding date last season. The area of rye is as large as last season, and the crop is above an average in condition—much of the rye is now making good pasture. Cattle are in medium flesh, and healthy—the partial failure of corn and the severe protracted winter shows its effect on cattle. The number of cattle is not as large as last season at corresponding date. Horses are generally healthy—some distemper reported in localities; horses are in fair condition, and the number on hand compares favorably with that of April, 1883. Sheep are in good seasonable condition; and there are no complaints of disease—the number on hand is about the same as last year at corresponding date. Hogs are scarce, owing to partial failure of late corn crop—in fair condition and healthy. A few have sown oats—season backward. Much inquiry for seed corn. Farmers are generally in good spirits, and will spare no efforts to secure good crops.

**CHAMPAIGN**—The area of winter wheat is not as large as last season; wheat has made but little growth, and the present prospects are not encouraging for much over three-fourths of an average yield per acre. The freezing and thawing weather the past month has injured the wheat; the wheat on timber or clay lands looks much better than that on the prairie. The area of rye is as large as last season, and the condition is nearly up to an average for the season. Cattle are in fair condition, and there are no complaints of disease; about the usual number of stock cattle; most of the fat cattle ready for the market have been sold. Horses are healthy and in ordinary condition. Sheep have wintered well, and there has been but a small loss; no complaint of disease. Hogs, as a rule, are healthy, and in only fair condition; the partial failure of the late corn crop induced farmers to reduce the number of hogs. Farmers will soon begin to sow oats: prospects for the season are favorable.

**CHRISTIAN**—The winter wheat area is much less than last season, and from present prospects there will be over three-fourths of an average yield per acre. Considerable wheat that was supposed to be winter-killed is making considerable growth since the favorable weather, and will make a partial crop. The area of winter rye is nearly as large as in 1883, and the condition promises nearly an average yield per acre. Cattle are generally healthy and in good condition; not as many fat cattle on hand as in 1883. Notwithstanding the long, cold winter, and rain and mud this spring, cattle will go on the pastures in better condition than usual. A number of farmers are investing in Hereford cattle. Horses are in good condition, and there are no complaints of disease. More attention has been given of late years to raising colts from good stallions. Sheep are generally looking well, and are free from disease; not as many fat sheep ready for market as last season. Hogs are, as a rule, thin in flesh, and the number is quite limited when compared with corresponding date in 1883. Prospects are generally considered favorable for growing good crops the coming season. Soil is in good condition, especially the rolling or drained land. There has



been considerable tile laid in this county, which has, where properly laid, proved a good investment.

**CLARK**—The area of wheat is nearly one-fourth less than last season, and from present prospects there will not be much over half an average yield per acre. In portions of the county, especially on the prairies, there will not be as much wheat threshed as was sown; on timber lands the wheat looks some better. The Hessian-fly seriously damaged the wheat in some portions of the county. But little rye sown in the county; the area is about the same as last season, and from present prospects there will be about two-thirds of an average yield per acre. The number of cattle is below the average for the season; condition generally good. There has been some complaint of black-leg in Parker, Wabash and Darwin townships; loss reported at about 20 head. Horses are healthy and in good condition; the number of horses about the same as last season. Sheep are only in fair condition, and have done well where properly cared for; the number on hand is not as large as last season. Hogs are in fair condition; some complaints of loss by cholera in a few localities. There is a decrease in the number of hogs compared with corresponding date in 1883. Farmers are actively engaged in making preparations for seeding a large area of corn, oats and potatoes; if the season is favorable, the area of the spring crops will exceed that of the previous year.

**CLAY**—The area of wheat is not as large as last season, and from present prospects there will not be much over one-fourth of an average yield per acre. Owing to the drouth last fall and the fear of Hessian-fly wheat was generally sown late, and owing to the severe winter the plant was winter killed. Cattle are generally healthy and in fair condition; there was some anxiety about a disease in a herd of cattle resembling foot disease. There is an increase in the number of cattle in the county as compared with corresponding date in 1883. Considerable attention is paid to the improvement of the horses in the county, and some Norman and Clydesdale stallions have been introduced. Sheep have wintered well; some recent complaints of young sheep scouring. Hogs are generally thin owing to the small corn crop, and many fall and winter pigs have died. Spring has been backward and wet and spring work is not well advanced. More attention is being paid to pastures and meadows and fruit growing. Grain has not returned producer expected profits.

**CLINTON**—The late seeding of wheat is not quite as large as that of the previous year; the condition promises three-fourths of an average yield per acre; nearly one-fourth of the wheat is believed to be winter killed. But little winter rye grown in the county; this crop is nearly up to an average in condition, and but a small area is reported winter killed. Cattle are generally healthy and in fair condition; number about the same as last season. Not quite as many horses in the county as in April, 1883; horses are in fair condition and healthy. Sheep are in good condition; no complaints of disease; number about the same as last season at corresponding date. The number of hogs are quite limited compared with last season, owing to the partial failure of the late corn crop. Farm work very much delayed on account of wet

weather. Nearly all kinds of fruit trees have been more or less injured by the severe cold weather the past winter.

**COLES**—The area of wheat is nearly as large as the previous seeding; considerable wheat is reported winter killed; the crop at present does not promise over three-fourths of an average yield per acre; the crop was injured in the latter part of February and the first week in March by freezing and thawing weather, but has of late made good growth. But little rye is grown in the county and the present area is less than that of the previous year. Rye looks well and promises nearly an average yield per acre. Cattle have come through the winter in good condition and are healthy; not as many cattle as last season at corresponding date. There has been considerable complaint of distemper among horses in the early part of the winter; horses are now in good health and in fair condition; considerable attention is being given to the improvement of draft horses. Sheep are healthy and in average condition; not as many sheep in county as last year. There have been but few complaints of loss of hogs by cholera; hogs are as healthy as usual and the number compares favorably with previous years. Season is backward and but little spring work has been done except in the seeding of oats.

**COOK**—Winter wheat promises about three-fourths of an average yield per acre; the area of winter wheat is usually quite limited, and this season the acreage is not as large as in 1883. It is rather early to determine the effect of the winter on wheat. Rye is nearly up to an average in condition, and the area is as large as last season. Cattle have wintered well, and there are few cattle in the hands of farmers except milk cows. Horses are up to an average in condition and generally healthy; but few saleable horses on the farms in this county. Sheep are in fair condition; the number is quite limited. Hogs are scarce owing to limited corn crop last season and demand for packing. There has been an unusual amount of rain, frost, and snow the past winter and this spring, and farm work has been retarded thereby.

**CRAWFORD**—A large proportion of the late seeding of wheat is winter-killed, and the prospects are not encouraging for more than one-third of an average yield per acre on the remaining area; the wheat looks better on new ground on which wheat is not so generally troubled with the Hessian fly or winter-killing. The Hessian fly destroyed much of the early sown wheat, and for fear of the fly farmers generally sowed their wheat late, which accounts for the damage by winter-killing; the plant was not well rooted before the severe freezing weather came on. Rye stood the winter much better than the wheat, and with continued favorable conditions will make over three-fourths of an average yield per acre. The area of rye is nearly as large as last season. Cattle have wintered well considering the severe and protracted cold weather and the inferior quality of the late corn crop; some cattle have died, supposed to be owing to the damaged condition of the corn; not as many cattle as last season at corresponding date. Horses are healthy and in good condition; not quite as many on hand as last season. Sheep are healthy and wintered well. Hogs are doing well; some cholera reported among hogs in cer-

tain localities. Farm work not as well advanced as usual on account of the cold, backward spring.

**CUMBERLAND**—The area of winter wheat is as large as last season, and where not winter-killed will make over three-fourths of an average yield per acre; about one-fifth of the wheat has the appearance of being winter-killed; the drilled wheat looks better than that sown broadcast; owing to the drouth at time of seeding, the ground was hard and dry and wheat was not seeded under favorable conditions; the ground not being compact, the wheat "froze out" badly in localities; the late favorable weather has started small wheat plants to growing that were considered dead a week ago. Rye is up to an average in condition and the area is as large as last season; this crop is not raised to any considerable extent in the county. Cattle, where well cared for, came through the winter in good condition and health; there was a few cases of foul in the foot among cattle in the south part of the county, owing to neglect on the part of the owners to properly care for the stock; the number of cattle in first hands will compare favorably with last season at corresponding date. Horses are healthy and in good condition and command high prices; about the usual number in the county. Sheep, in several localities, are affected with the scab and are not doing well; number of sheep on hand is less than last season at corresponding date. Prospects for cropping the coming season are generally considered encouraging.

**DEKALB**—The area of winter wheat in this county is usually quite limited, and the extent of the growing crop is less than that of the previous year. The wheat is looking well, and promises an average yield per acre. The area of rye is not quite as large as last season, and from present prospects there will be over three-fourths of an average yield per acre. Cattle that have been properly cared for have wintered well and are healthy. The number on hand is about the same as last season at corresponding date. Some complaint of abortion among the large dairy herds. The effect of scarcity of corn is seen among some herds of cattle, which are not as well fleshed as usual at this season. Not as many horses in the county as in April, 1883; horses are in fair condition, generally healthy, and ready for spring work. Sheep are healthy, and have wintered well; not as much attention given to sheep husbandry as heretofore. The number of hogs in the county is much less than usual at this season of the year; hogs are generally healthy and in fair condition. The grass has started well, and spring work will soon begin. The farming prospects are generally considered favorable, and farmers are in good spirits.

**DEWITT**—The late seeding of wheat is not as large as that of the previous year. The wheat looks well, and with favorable conditions until harvest, there will be an average yield per acre. Rye is above an average in condition, and the area is nearly as large as last season. Cattle, considering the severe winter and limited supply of corn, are in fair condition; the number on hand is less than that of last season at corresponding date; no complaints of disease among cattle. Horses are in good condition, healthy, and command high prices; not as many horses in the county as in April, 1883. There is a limited number of sheep in the county; they have come

through the winter in good condition, and there are no complaints of disease among the flocks. Hogs are healthy, in fair condition, and limited in number compared with same date in 1883. Ground is still too wet for plowing, and spring work is generally backward. Farmers are in good spirits, and anticipate a profitable cropping season.

**DOUGLAS**—The condition of wheat gives encouragement for about three-fourths of an average yield per acre; the area is nearly one-fourth less than that of the previous seeding; considerable wheat is reported winter-killed; the drilled wheat looks much better than that sown broadcast; the wheat has made great improvement during the past two weeks. Rye is nearly up to an average in condition, and the area is about as large as last season. Cattle are healthy and in fair condition, and the number on hand about as large as usual for the season. Horses are in good health and condition. The attention given to sheep husbandry in the county is limited; sheep are in fair condition and healthy. There are more hogs than usual; the young shoats have not wintered well; hogs are generally healthy and in good condition. The farming prospects for the coming season are generally considered fair.

**DUPAGE**—The small area of winter wheat grown in the county is up to an average in condition; the drilled wheat has wintered better than that sown broadcast; the wheat has had snow protection about twelve weeks during the past winter, and has seldom been more promising at this season of the year. Rye is up to an average in condition; area not as large as last season. Cattle wintered well and are healthy; the cattle in the county consist mainly of cows used for dairy purposes, and the number is some larger than at corresponding date in 1883. There is an increasing demand for good draft horses, and more attention is given each year to the raising of horses; there are no complaints of disease among horses, which, as a rule, came through the winter in good condition. Sheep are in fair condition and healthy; not as many in the county as usual at this season. Hogs are in rather thin flesh, owing to the poor quality and limited supply of corn the past season; there are no complaints of disease; the number is quite limited compared with corresponding date in previous years. The spring is opening early, and farmers are anticipating a successful cropping year, and the majority are trying to cultivate more thoroughly, and adopt better and more profitable methods of farming.

**EDGAR**—A large area was sown to wheat the past fall, and the acreage is nearly as large as that of the previous seeding; considerable part of the wheat is reported winter killed, and the remaining acreage will not make three-fourths of an average yield per acre; the drilled wheat promises twenty per cent. better yield than that sown broadcast; the late seeding had much to do with the damage sustained by wheat during the winter. Rye is up to an average in condition, and the area is as large as last season. Cattle are generally healthy and in fair condition; not as many feeding cattle on hand as usual; more attention is paid to the improvement of cattle than formerly. Horses are generally in good condition; an unusual number of horses have died the past season, supposed to be caused by eating soft corn; more complaint than usual



of mares aborting; there is quite a demand for draft stallions, which are well patronized. Sheep are in fine condition, and lambs are coming strong and in large numbers. Hogs are healthy and in fair condition; the high prices have induced farmers to sell freely, and the number on hand is not quite as large as last season at corresponding date. Ground is in fine condition for spring work, and farmers are making arrangements to crop a large acreage this season.

**EDWARDS**—The area of wheat is larger than last season, and from the present outlook there will be about three-fourths of an average yield per acre where not winter-killed; wheat has made very satisfactory growth the past two weeks, and wheat that looked dead ten days ago now looks green; the drilled wheat looks better than that sowed broadcast. Rye is up to an average in condition, and the area is as large as last season. Grass is making good growth, and clover promises well. A large area is being seeded to oats, and preparations are being made for planting a large acreage of corn. Cattle are in fair condition, and the number compares favorably with that of last season. Horses and sheep wintered well and are healthy; the number is about the same as last season at corresponding date. Some hogs are dying with cholera in localities. Live stock, hay and grain find a ready market at good prices.

**EFFINGHAM**—The area of wheat is not as large as that of the previous seeding, and from present prospects there will not be much over half an average yield per acre. The past winter has been very trying on wheat, and some estimate that nearly one-half the wheat is winter-killed. The prospects last fall were very encouraging for wheat, and some of the best wheat last fall looks the worst now. Rye will not make over three-fourths of an average yield per acre; but little grown in the county, and less was sown last fall than heretofore. The number of cattle is quite limited compared with same date last season; cattle are not up to an average in condition; some complaint of foot disease, supposed to be the result of neglect of the stock; feet of some cattle were partly frozen. Horses are healthy and look well, and the number is about the same as in April, 1883. Sheep are not up to the average in condition, and lambs are not strong, many dying; more interest is being taken in the improvement of sheep. Not as many hogs in the county as last season; swine are generally healthy and in good condition. Some farmers have commenced sowing oats and planting early potatoes. Considerable attention is being paid to tile drainage, and farmers prefer to thoroughly cultivate less land than in the past.

**FAYETTE**—The wheat area is not as large as that of the previous seeding; the extreme cold weather and want of snow protection the past winter has seriously damaged the wheat, and nearly one-half of the area is supposed to be winter-killed, and what is left will not make much over half an average yield per acre. Rye is in about the same condition as wheat. Cattle are in good condition and healthy; about the usual number on hand. There is considerable complaint that horses are suffering with distemper of a mild form; the number is about the same as last year, and the condition hardly up to an average. The number of sheep is some larger than last season; the spring has not been favorable

for lambs, and more than the usual number have died. Hogs are in good condition and healthy, and the number on hand is about the same as in April, 1883. Spring work has been delayed on account of the wet weather; if the weather permits, there will be a large area sowed with oats.

**FORD**—But little winter wheat grown in the county; the area of wheat is about the same as last season, and the condition promises about three-fourths of an average yield per acre. Rye is nearly up to an average in condition, and the area is as large as last season. Cattle are in average condition; the number is less than usual. Holstein bulls are being used to improve the milk stock of the county. The creamery in the county has increased the interest in dairy stock. There are some Shorthorns raised, and very rarely a Jersey. There are some complaints of distemper among the horses, which are up to an average in condition and number. Norman and Clydesdale horses are in general use, and a few well-bred stallions are receiving some patronage. Not as many sheep as usual; sheep are in average condition. Hogs are generally healthy, but not in average good condition. The failure of the late corn crop and the high price of hogs has had a tendency to reduce the number as compared with corresponding date last season. The frost is just out of the ground, and but little spring work has been done, and notwithstanding the failure of the corn crop the past two years, farmers are in good spirits, and will make an earnest effort for big crops this season.

**FRANKLIN**—The area of winter wheat is one-fourth less than last season; nearly half the wheat is reported winter killed, and that which was not entirely killed will not make half an average yield per acre; the late seeding was injured most by the winter. Rye promises about three-fourths of an average yield per acre; but little grown in the county. Cattle in health and condition are about up to an average; not quite as many as last April. Horses are in good condition and there are no complaints of disease; number about the same as usual for the season. Not as many fat sheep as heretofore in April; sheep are generally healthy and in good condition. Hogs are doing well and the number is some larger than usual; no complaints of disease. Some have commenced seeding oats. The area of castor beans and tobacco will be larger than last season.

**FULTON**—Winter wheat is nearly up to an average, and the area is some larger than last season; the late warm wet weather has been favorable for wheat which has made a rapid growth, and with continued favorable conditions until harvest will make a large yield per acre. Rye is nearly up to an average in condition. Cattle are healthy and in good condition and the number is about the same as last season. Horses are healthy and in good condition for spring work; the large demand from eastern buyers has reduced the supply as compared with April, 1883. Not as many sheep on hand as last April; there is considerable complaint in some localities of foot rot among the sheep; the loss to sheep owners by dogs has induced many to dispose of their sheep. Hogs are not in average flesh for the season and the number is less than usual; some complaint of loss of hogs by cholera. Spring work has not been advanced owing to the season. Farmers anticipate a good cropping season,



and are making ample preparations for the planting and cultivation of the crops.

**GALLATIN**—The area of winter wheat is nearly as large as last season; the condition promises nearly three-fourths of an average yield per acre; the early sown wheat will make about an average yield per acre; the wheat on low land considerably damaged by the overflow. But little rye grown in the county. Cattle are healthy and in fair condition; the number is not as large as last season. Horses are in good condition and healthy, but quite limited as to number. Farmers appear to be losing interest in sheep and the number in the county is decreasing rapidly; sheep are healthy and in fair condition. The number of hogs is less than last year at corresponding date; hogs are in only fair condition and generally healthy in some localities; there are some cases of hog cholera. Spring work has been delayed on account of the backward and wet season.

**GREENE**—The area of winter wheat is some larger than last season, and the condition is favorable for an average yield per acre; on exposed locations, where the snow was blown off the wheat, the crop was slightly damaged by the cold weather. Wheat has made rapid growth since the warm weather. The favorable condition of wheat is owing to the more thorough preparation of the soil and the drilling of better seed. Rye is above an average in condition, and the small area is about the same in extent as last season. Cattle have come through the winter in good condition and are healthy, with about the average number compared with late years; the quality of cattle is being improved each year. Horses are in good condition, and much in demand at profitable prices for the breeder; number of horses about same as last season. Sheep have done as well as usual the past winter; not as many sheep raised as heretofore. Hogs are in fair condition; much complaint of loss of swine by so-called cholera; the number is much smaller than heretofore at this season of the year. Farm prospects are better in some respects than usual; the ground was frozen deep the past winter and pulverizes nicely, and conditions are favorable for a good cropping season.

**GRUNDY**—Hardly enough winter wheat grown in the county to be worthy of mention. Rye is nearly up to an average in condition, and the area is as large as last season. Cattle are scarce, and beef cattle are hard to find; cattle are in fair condition and healthy. Horses are looking unusually well, and are in good demand at profitable prices; number about up to the average; no complaint of disease among horses. The number of sheep is quite limited; condition and health good. Hogs are in fair condition and generally healthy. There is nothing flattering in the outlook for the farmer. The season is late; scarcely any oats sown, except on drained land.

**HAMILTON**—The late seeding of wheat is some larger than that of the previous year; the condition of the crop promises less than half an average yield per acre; the prospect has seldom been more discouraging for wheat than this spring; nearly one-third of the winter wheat is winter-killed. Rye will not make much over three-fourths of an average yield per acre; the area devoted to this crop is quite limited. Cattle are in fair condition but scarce, and in demand at good prices; the

number of cattle is less than last season at corresponding date. There are some complaints of distemper among horses; there are not as many horses and mules as heretofore; condition of horses not up to the average. Sheep have not come through the winter in as good condition as usual, owing to the long, severe winter; more attention is paid than heretofore in improving the native sheep. The number of hogs is less than last season at corresponding date; hogs are in only fair condition, owing to the limited supply of corn; there are no complaints of disease among hogs. The continued rains have delayed spring work, and farmers do not consider the prospects for the cropping season extra flattering.

**HANCOCK**—The area of wheat is as large as last season, and the condition favorable for more than an average yield per acre; wheat, except on a few exposed locations, is above the average for this season of the year; the drilled wheat looks fully twenty per cent. better than that sowed broadcast. Rye is up to an average in condition; the area is not as large as last season. Cattle are healthy and in better condition than for years at this season of the year. Horses are generally in good condition; there are complaints of distemper in certain localities and some horses have been troubled with glanders. Sheep are in fair condition; but few raised in the county. There have been some complaints of loss of hogs from so-called cholera in certain localities; hogs have generally come through the winter in good condition and are healthy. Some have commenced plowing for oats, and a large acreage will be sowed. Farmers are generally making preparations for extended operations for growing various crops.

**HARDIN**—Winter wheat promises less than two-thirds of an average yield per acre; the area is about the same as last season; in some localities the wheat was not winter-killed and is up to an average in condition. Cattle are healthy; fat cattle have generally been marketed; the cattle are in good order. Horses are in good condition for spring work and are healthy. But little attention given to sheep husbandry; the few sheep in the county are healthy and in fair condition. The number of hogs on hand is quite limited as compared with the same date last year; hogs are healthy and in fair condition. The season is late and but few have completed the seeding of oats. Farmers are, as a rule, in good spirits, and anticipate a profitable cropping season.

**HENDERSON**—Winter wheat is not grown extensively in this county, and the area of the growing crop is not quite as large as that of the previous seeding; the condition is nearly up to an average. Not as much rye sown last fall as the preceding year; the prospects are encouraging for an average yield per acre. Cattle are in fair condition; about all the fat cattle have gone to market; there is considerable complaint among feeders that the poor corn did not do the cattle much good, and no money was made the past season; there are more complaints than usual of cows losing their calves, supposed to result from feeding the cows the inferior corn. Horses are in fair condition; more distemper among horses than for years, and hardly half the mares bred last season are with foal; more horses in the county than last season at corresponding date. Sheep are in good condition and the number is about the same as in 1883. Sows are aborting three to five weeks before due

to farrow; one large breeder having sixty brood sows reports that 20 of the sows have lost their pigs; the number of hogs is not as large as last season. Farmers are busy sowing oats, of which a large area will be seeded. Prospects are generally considered favorable for a good cropping season; the ground is in fine condition and pulverizes well.

**HENRY**—The area of winter wheat in this county is quite limited, and about the same as last season; owing to the prevailing drouth last fall, wheat was sown late, and did not make satisfactory growth. The area of rye is about one-fourth less than last season; the condition of the crop does not give encouragement for much over three-fourths of an average yield per acre. Cattle are healthy, but in thin condition, owing to the scarcity of grain; the limited supply of feed and the favorable prices for stock have induced farmers to reduce the number of cattle compared with that of April, 1883. Horses are in fair condition; there are more complaints than usual of distemper among the horses, in a mild form; horses have been sold off closely. The winter has been favorable for sheep, and the prospect is good for heavy fleeces and a good crop of lambs; about the usual number of sheep on hand. Hogs are generally healthy; not as many in the county as last season; there are complaints of failure to get sows with pig, and the number of hogs for next fall's market will be diminished somewhat thereby. The season bids fair to be about ten days earlier than last year. Some are making preparations to sow oats. Farmers are in fair spirits, and are entering upon the season's work with renewed energy.

**IROQUOIS**—The wheat area is as large as last season; the condition of the crop promises less than half an average yield per acre; about one-fourth of the wheat was winter-killed. The area of rye is less than last season, and, judging from the present condition, there will not be three-fourths of an average yield per acre. The number of head of cattle is some larger than last season; cattle are healthy and in fair condition; considerable soft corn was fed to cattle, but with no advantage. Horse buyers have purchased all the marketable horses, and reduced the number of horses in the county, compared with April, 1883; horses are in fair condition, and there are no complaints of disease. Sheep have been sold off closer than usual, owing to good demand for mutton, and want of money among the breeders. Hogs are healthy, and but few marketable hogs can be found in the county. Some oats have been sown; ground is rather too wet to plow. Roads are hardly passable. Meadows are in good condition. Bees have wintered poorly, and in some localities nearly one-half the bees are reported winter-killed. Prospects are encouraging for an early spring and a good cropping season.

**JACKSON**—The wheat area is nearly as large as last season, and with favorable season there will be nearly an average yield per acre of wheat; wheat has made much improvement the past ten days. Rye is looking well; the area is quite limited. The number of cattle in the county is not quite as large as last season. There are no complaints of disease among horses, and the number is as large as last season at corresponding date. The number of sheep is some larger than last season. Hogs have been disposed of more freely than

usual, and the number on hand is one-fourth less than last season at corresponding date.

**JASPER**—The area of winter wheat is about the same as last year; a large portion of the wheat was winter killed; owing to the drouth last fall, most of the wheat was sown late, and considerable seed failed to germinate; the severe winter and the freezing and thawing weather this season, has so seriously damaged wheat that there will not be one-third of an average yield per acre. Rye looks some better, but will not make much over half an average yield per acre. Cattle are in only medium condition; in some localities cattle have been affected with the foot disease; as a rule, no cattle that have been well fed and sheltered during the severe cold weather have been so troubled. Horses are in fair condition, and there are no complaints of disease except that mares are loosing their foals; the number of horses in the county is not quite as large as last season. The number of sheep is about the same as in 1883; sheep are not up to an average in condition; no complaints of disease. Hogs are in fair condition and are healthy, and in number compare favorably with corresponding date last spring. This being principally a wheat growing county, the condition of wheat has had a depressing influence on the farmers. Preparations are being made to sow an unusually large area of oats this spring. The ground will soon be in condition to plow.

**JEFFERSON**—The area of wheat is nearly one-fourth less than last season, and from present prospects there will not be over one-third of an average yield per acre; nearly one-half the area of wheat is reported winter killed; nearly all the wheat on prairie land is dead; some pieces of wheat on timber land will make something; the dry weather last fall made the seeding of wheat late, and the plant made but little growth, and could not stand the severe winter weather. Rye will make over half an average yield per acre on the small acreage seeded. Cattle are in fair condition and healthy; the number is not as large as last season. Horses are healthy and in average condition for the season of the year; number about the same as last April. Sheep have not wintered well and are in poor condition; no complaints of disease. There have been more complaints than usual of the loss of hogs by cholera; and hogs are in only medium condition and not as many on hand as in 1883. Farmers are not jubilant over the prospects for the coming season, owing to the threatened failure of wheat. Some are seeding oats, and advancing spring work as rapidly as the wet season will permit.

**JERSEY**—The area of wheat is not quite as large as last season; considerable portion of the wheat was sown late and did not make the usual growth last fall; wheat has made rapid improvement of late, and fields of wheat that looked brown a short time ago are now looking green; with continued favorable weather there will be nearly an average yield per acre; there was but little wheat winter killed except on exposed hills, where the snow was blown off. Rye is up to an average in condition, but little grown in the county. Cattle are healthy and wintered well, considering the long, severe winter; the number of cattle is as large as last season. Horses are in average condition and in good order for spring work; no complaints of disease.



Sheep are healthy but thinner in flesh than usual; not many sheep raised in the county. The number of hogs has been considerably diminished the past winter by disease, and what are left are in poor condition. Grass is beginning to grow nicely. Farmers have not commenced sowing oats or preparing for corn.

**JoDAVISS**—The winter wheat area in the county is quite limited; the crop has come through the winter in good condition, and from present prospects there will be an average yield per acre. The area of rye is as large as last year, and from present prospects there will be more than an average yield per acre. Wheat and rye have had the benefit of snow protection during most of the winter, and there are no complaints of winter-killing. Cattle have come through the winter in good condition, and there are no complaints of disease, and in number are up to an average. Horses are in good condition and demand; more complaints of colds and influenza than heretofore, otherwise horses are healthy and doing well. The number of sheep is not as large as last season, owing to the low price of wool, and the frequent loss resulting from wolves and dogs; sheep are healthy and in fine condition. Hogs were marketed very closely last fall, owing to the scarcity of corn; some complaint of loss of hogs from disease; the number of hogs in the county is less than last season, and the condition only fair. Farmers are in good spirits and anticipate a favorable cropping season; it will be some time before they recover from the effects of the failure of the corn crop. The snow melted gradually, much to the benefit of the ground, and the streams have not been flooded; frost out of the ground, and farm work will soon begin.

**JOHNSON**—The area of wheat is not so large as last season; about one-fifth of the area is reported winter-killed; the condition of wheat gives encouragement for nearly three-fourths of an average yield per acre; the drilled wheat looks much better than that sown broadcast. But little rye grown in the county; condition about the same as wheat. Cattle are in fine condition, and the number on hand is about the same as last season; cattle are healthy. About the usual number of horses, and more young mules than last season; horses are healthy, and in medium condition. Not as many sheep on hand as last season in April; no complaints of disease; sheep are in fair condition. Hogs are healthy and in medium condition; number about the same as last season. Farm prospects are more encouraging than at the same date in 1883; wheat is making fair growth; the area seeded to oats will be larger, and the seeding will be earlier than last season. More clover sown, and clover is in better condition than last April.

**KANE**—The small area seeded to wheat last fall looks well, and with favorable conditions until harvest will make an average yield per acre. The same may be said of rye. Cattle have wintered well, and are in good condition; no prevailing disease; beef cattle are scarce; other cattle, in numbers, compare favorably with April, 1883. More calves are being raised by dairymen than formerly. Horses are healthy and in good condition, and the number in the county is about the same as last season at corresponding date. Not as many sheep in the county as last year; sheep are healthy and in fair condition. The limited corn crop induced farmers to reduce the

number of hogs the past fall; hogs are generally healthy and in fair condition. Meadows are in good condition. The prospects are encouraging for good crops this season, and farmers are in good spirits. The spring work will commence earlier than usual. Clover stood the long, severe winter better than heretofore.

**KANKAKEE**—The winter wheat area is about as large as last season, and the present condition of wheat gives encouragement for three-fourths of an average yield per acre; the late freezing and thawing weather has injured wheat; nearly one-fourth of the wheat was winter-killed. Rye is nearly up to an average in condition; the area is not quite as large as last season. Cattle wintered well; the number on hand is about the same as in April 1883; there are no complaints of disease among cattle. Horses are generally in good condition and healthy; the number on hand is not quite as large as at corresponding date last season. The number of sheep on hand is one-fourth less than last season in some portions of the county; there are some complaints of considerable loss of sheep by dogs. Hogs are in fair condition and there are no complaints of disease; the number on hand is less than in April, 1883. The continued wet weather has kept the ground saturated with water, and delayed spring work.

**KENDALL**—Winter wheat is nearly up to an average in condition; the limited acreage seeded is not as large this season as last. Rye is up to an average in condition, and the area is as large as in 1883. Cattle are healthy and the number on hand compares favorably with that of the past year; cattle have come through the winter in good condition. The number of horses on hand is as large as usual; horses are healthy and in fair condition. There are but few sheep in the county and the number decreases each year; there are no complaints of disease among the sheep. Hogs have marketed closer than usual, and the number of stock hogs on hand is limited; hogs are healthy and in fair condition. Frost is out of the ground and some farmers are plowing for oats and spring wheat; the soil pulverizes well and with favorable season there will be good crops; there is much complaint about seed corn.

**KNOX**—The area of wheat is some larger than last season, and from present prospects there will be more than an average yield per acre; wheat is winter-killed on exposed hills where the snow was blown off. Rye is up to an average in condition; the area is not as large as last season. Cattle are healthy but rather thin in flesh; the number of cattle is as large as in 1883; a farmer near Gilson has lost eleven head of calves by an unknown disease; the calves get lame in one leg and die within twenty-four hours after the attack. The number of horses is about the same as last season; condition and health good. Sheep are healthy and in fair condition; in some localities at least ten per cent. of sheep have been killed by dogs during the past six months. Not as many hogs as last season at corresponding date; hogs are healthy. Farm work has been delayed by the continued wet weather; farmers consider the prospects good for crops this season.

**LAKE**—Winter wheat receives but little attention in this county; the area is some larger than last season; but a small area is reported winter-killed, and the condition of



the growing crop promises more than a fair average yield per acre. Rye is up to an average in condition; the usually small acreage devoted to the crop, is not as large as last season. Cattle are healthy and in good condition; the number of milch cows is increasing each year; but few cattle are fatted for the butchers. Horses are generally in good condition and healthy; the interest in heavy draft horses is increasing, and more horses of this class are raised each year. Sheep are healthy; the number kept is decreasing each year; sheep are in fair condition. Hogs are generally thin in flesh; there are complaints of a great many sows losing their pigs, otherwise hogs are healthy; number on hand is some less than last season. Farm prospects are not discouraging; the clover came through the winter in good condition. All are testing their seed corn; the expensive experience of planting poor seed corn last year has been remembered. Frost is out of the ground, and spring work will commence earlier than usual; the large amount of fall plowing done of late years expedites spring work.

**LASALLE**—The area of winter wheat is one-third less than last season; the condition of wheat gives encouragement for over three-fourths of an average yield per acre. Rye is above an average in condition; the area is not as large as last season. Cattle are in only medium condition; generally healthy; the number is about the same as last year; the abundant hay crop in a measure made up for the partial failure of corn; a few cases of blackleg are reported. The number of horses is as large as last season; the quality is being improved each year; some complaint of pinkeye and distemper; horses have wintered well, and are generally in good condition. Sheep are in fine condition, and there are no complaints of disease; more attention has been given to sheep husbandry of late years, and the number of sheep in the county is increasing. Not as many hogs in the county as last April; hogs are in fair condition, and there are no complaints of disease. Season is backward, and but little farm work has been done this spring. Farmers have hopes for a good cropping season,

**LAWRENCE**—The early sown wheat was damaged by the Hessian fly, and the late sown did not make sufficient growth to stand the severe winter, and nearly one-half of the wheat sown last fall is reported winter-killed; the area sown was nearly as large as that of the previous year; from present prospects the wheat not winter killed will not make more than half an average yield per acre. Rye promises about three-fourths of an average yield per acre; not quite as much sown as the previous year. Cattle are healthy and in fine condition. The season during February and March has not been favorable for sheep, and they are in bad condition. The number of hogs is quite limited, as compared with last year; cholera is reported to exist among hogs in some localities. Farm prospects are not very encouraging; the late corn crop was not extra, and the want of money induced farmers to sell more wheat than usual, and there is little left on the farm to sell for current expenses.

**LEE**—The small area seeded to winter wheat last fall is up to an average in condition. Rye is nearly up to an average in condition; the area is as large as that of the preceding year. The number of cattle is about the same as in 1883; the abundant

hay crop of the past season enabled feeders to bring the cattle through the winter in good condition; there are no complaints of disease. Horses look well, and the number on hand is as large as usual. Not as many sheep on hand as last year; sheep are healthy and in fair condition. Hogs have done as well as could be expected on the soft corn; the number on hand is nearly as large as during the preceding year. Some have commenced sowing oats. The ground is rather wet for spring work, and but little has been done.

**LIVINGSTON**—Wheat is nearly up to an average in condition; the area is not quite as large as last season; about one-fourth of the wheat is drilled, and the condition is better than the undrilled wheat; about five per cent. of the area is reported winter-killed; the most promising wheat is that sown in standing corn. The area of rye is nearly as large as last season, and the condition promises about an average yield per acre. Cattle are generally in good condition; a few cases of black-leg are reported. Horses are in demand at good prices, and the number is nearly as large as last season at corresponding date; horses are very free from disease and in fair condition. There is quite a decrease in the number of hogs as compared with corresponding date last season. Prospects are favorable for good crops; the ground, where not drained, is full of water.

**LOGAN**—Wheat is nearly up to an average in condition where not winter-killed; the area is nearly as large as last season; wheat that was protected by the snow during the winter looks very promising. The area of rye is not as large as last season; the crop is nearly up to an average in condition. Cattle are about up to an average in condition; not as many on hand as last season; yearlings are selling at from \$25 to \$40 per head, according to quality. Horses are healthy and in good condition, and about up to the average in number and condition. Sheep are doing well, and the number is about the same as last season. Season is rather backward; some have sowed their oats; the bulk of the oats will be seeded the first week in April if the weather permits.

\* **MACON**—The area of winter wheat is not as large as that of the previous year and the condition of the crop does not give encouragement for much over three-fourths of an average yield per acre; about fifteen per cent. of the wheat is reported winter killed. Rye is nearly up to an average in condition and the area is as large as last season. Cattle are healthy and in fair condition considering the long, severe winter. There is more interest manifested each year in the leading breeds of cattle, not only Shorthorns and Herefords, but Jerseys. Horses are healthy and generally in fine condition, and about the usual number. Sheep are healthy and doing well; not as many in the county as last season. Hogs are in good condition; number not as large as last season; no complaints of disease. Considerable corn still ungathered; most of the corn in the fields is rotten. But little work has been done this spring owing to the continued rains and the season is rather backward.

**MACOUPIN**—The area of wheat is nearly as large as last season. The early sown wheat looks well and the late seeding is improving rapidly; with favorable season there will be nearly an average yield per

acre; about thirteen per cent. of the area of wheat was winter killed. Rye is looking well and promises an average yield per acre; the area is as large as last season. Cattle are healthy and in good average condition; the number of cattle in the county is some less than last season at corresponding date. The health and general condition of horses are good, and work animals are in good order for the cropping season. In some localities there have been some fatal cases of distemper among the mules. The number of horses is not as large as in April, 1883. Sheep are healthy and in good condition and have wintered well; lambs are coming strong and the proportion to the number of ewes is up to the average. A large number of hogs have died with cholera in some portions of the county, and the number compared with last season is quite limited. Farm prospects are generally encouraging; the soil is in fine condition, especially the tile drained land.

**MADISON**—The wheat area is about ten per cent. less than last season; the early sown wheat was injured by the Hessian fly, and some of the late seeding was injured during the cold season; about ten per cent. of the area was winter killed; the early warm weather and rains are doing the wheat much good, and the plant is making rapid growth and with favorable season will make more than three-fourths of an average yield per acre. Rye is up to an average in condition; the area is quite small. Cattle have wintered well, are healthy and up to an average in number and condition. Horses are in good condition for spring work, and the number is as large as usual. Sheep are up to the average in number; some complaints of an unusual number of ticks on sheep; lambs are not coming as strong as usual and many have died. There are many complaints of loss of hogs by so-called cholera during the fall and winter; farmers are marketing shoats as fast as they can find buyers, and the supply of spring pigs will be less than usual. The season is rather backward, and the excessive rains have delayed spring work. The drained lands are just becoming dry enough to plow. Farmers are in good spirits and hopeful for the best results this season. •

**MARION**—The area of wheat is not as large as last season; most of the wheat was sown late, and made but little growth, and much of it was winter-killed; the early sown wheat has made a favorable growth and is looking well; the present condition is not favorable for much over half an average yield per acre; over one-third of the wheat was winter-killed. Fat cattle are scarce; other cattle in number about as large as in April, 1883; cattle are generally healthy and have come through the winter in good condition. Horses are in better condition than usual for the season, and there are no complaints of disease; the number of horses on hand is some larger than last spring. Not as many sheep in the county as last season; sheep have wintered well and are healthy. But few fat hogs in the county, and not as many stock hogs as usual; there are no complaints of disease among hogs, and condition is generally good. The season is backward and but little spring work has been done; on the rolling and drained land some have completed the sowing of oats.

**MARSHALL**—The area of winter wheat is quite limited, and is about the same as last season. Rye is up to an average in

condition and the acreage is as large as in 1883. Cattle are generally in good condition and the number is about as large as last season at corresponding date. Horses are healthy and in good condition; the number on hand is some larger than last spring. There is but little change in the number of sheep, which are healthy and in fair condition. There is no disease prevailing among hogs, which are in fair condition and the number is about up to the average of the past three years. Prospects are encouraging for farming operations, and preparations are now being made for seeding oats.

**MASON**—The area of winter wheat is some larger than last season, and the prospects are favorable for more than an average yield per acre where not winter-killed; the promise for a full average yield of wheat has never been better the first of April; all the wheat is seeded with a press drill. Rye is up to an average in condition but the area is quite limited. Health and condition of cattle is first rate; not quite as many cattle in the county as last spring. Horses are in good condition for spring work and with the exception of some few cases of epizootic, are healthy; number about the same as last season. Hogs are scarce and few stock hogs are to be found in the county; no complaints of disease; condition hardly up to an average, owing to the poor quality of corn. The season is backward and farm work, except on the drained land, will be delayed by the excessive rains.

**MASSAC**—The area of the late seeding of winter wheat is as large as last season, and from present prospects there will be about three-fourths of an average yield per acre where not winter killed; in some portions of the county over one-half the acreage is winter killed. The extreme cold winter was severe on the wheat, which was generally sown late, and two weeks ago few fields of wheat had the appearance of making any yield; the early sown wheat was injured by the Hessian fly. There will not be over two-thirds of an average yield per acre of rye; the area, although some larger than last season, is quite small. Cattle have wintered well, and are generally healthy where properly cared for; the number of cattle is not as large as in 1883. Horses are up to an average in condition and free from disease; horses are in demand at high prices, and the number is not as large as last season. The number of sheep is about the same as last season; health and condition up to an average. Hogs are not up to the average in condition, and the number about the same as heretofore; no complaint of disease. The season is backward, and but little spring work has been done, owing to the cold weather and rain. Farmers have not finished sowing oats. More potatoes will be planted than usual. There is a disposition to grow more grass and less wheat, and give more attention to raising stock.

**MCDONOUGH**—The area seeded to winter wheat last fall is as large as that of the late harvest. The condition of wheat promises nearly an average yield per acre; but little wheat winter killed. The early drilled wheat is in much better condition than that sowed broadcast or sowed late. Rye is nearly up to an average in condition, and the area is as large as last season. Cattle have wintered well, and are up to the average; the number is about the same as last season; but few fat cattle are to be



found in the county. Horses are generally healthy and in fair condition; there is a profitable demand for horses, especially for heavy draft. Sheep are not up to an average in condition, but are healthy; number about the same as last season. The season is cold, and the rains have delayed spring work. Some have commenced sowing oats and spring wheat. Grass is starting finely.

**McHENRY**—Winter wheat is up to an average in condition, and the area is not quite as large as last season; the drilled wheat looks much better than that sowed broadcast; but little winter wheat grown in the county. Rye is up to an average in condition; the area is but little larger than that of the previous year. Cattle have wintered well, and are in good condition, and the number is about the same as last season. Horses are in fair condition, and there are no complaints of disease. Sheep are in fair condition, but not in average health; there are complaints of loss of sheep by dogs, and some have died of disease the past winter; some scab and foot rot reported. Hogs are in good condition; the number is not as large as last season; hogs are healthy. Frost is out of the ground, and with favorable weather farmers will soon be able to commence spring work. There has been an unusual amount of rain so far this season. Farmers anticipate a good cropping season.

**McLEAN**—The area of winter wheat is as large as last season, and the prospects are now encouraging for over three-fourths of an average yield per acre; the best wheat is found on the tile-drained land. Rye is nearly up to an average in condition; the area is not as large as last season. Cattle are in fair condition and healthy; not as many fat cattle in the county as usual; the number of cattle, young and old, is about as large as last season. Horses are in good condition, and healthy; the number of horses kept for breeding purposes is much larger than heretofore; marketable horses are scarce. Not as many sheep in the county as usual; sheep have wintered well, and are generally healthy; the low price of wool has had a depressing effect on sheep-breeding. Hogs are in fair condition and healthy; not as many in the county as usual. Farmers commenced sowing oats on the first of March, on drained land; the rains will make it difficult to plow the undrained lands for some time.

**MENARD**—Wheat looks well, and, with continued favorable weather, will make more than an average yield per acre; the area is as large as that of the previous year. The drilled wheat is in better condition than that sowed broadcast. Rye is up to an average in condition, and the area is quite as large as that of the previous year. Cattle have wintered well and are healthy; the number on hand is about the same as last spring. Not as many horses in the county as usual; horses are in fair condition and healthy. Sheep are healthy, and have come through the winter in good condition; about the usual number on hand. Hogs look well; number below the average; but little complaint of cholera or other disease. The season is backward, and, owing to the rains, the ground, except where drained, is too wet to plow for oats. Farmers are generally in good spirits, and anticipate a good cropping season.

**MERCER**—Winter wheat is up to an average in condition; the area is as large as last season; but little winter wheat grown in the county; most of the winter wheat was sown in isolated pieces on timber land. Rye is up to an average in condition; the area is much less than last season. Wheat and rye came through the winter in good condition, owing to the snow protection. The number of cattle is fully as large as last season; but few fat cattle are to be found in the county; the abundant hay crop enabled farmers to bring their cattle through the winter in good condition; no complaint of disease. Horses are healthy, and in good average condition; the number is about the same as last season. The number of sheep in the county is quite limited, compared with former years; sheep came through the winter in good condition, and are healthy. Hogs are in fair condition; not as many on hand as usual, owing to the limited corn crop and the demand for fat hogs. The season promises to be early. Farmers are making preparations for seeding oats. The soil is in excellent condition for plowing and planting, and farmers anticipate a profitable season. There is much inquiry for good seed corn.

**MONROE**—The area of wheat is some larger than last season, and from present prospects there will be an average yield per acre; some wheat was injured by high water, but otherwise is looking well. Cattle are up to the average in condition, and there are no complaints of disease. Horses are not quite up to an average in condition. There are no complaints of disease among sheep. Hogs are rather thin in flesh, owing to the partial failure of the late corn crop. Farmers anticipate a fair cropping season.

**MONTGOMERY**—The area of winter wheat is not as large as last season, and from present prospects there will not be much over three-fourths of an average yield per acre; early in the season and before the warm rains and sunshine the prospects for wheat were very discouraging; there was but little wheat winter-killed, except upon the exposed knolls, where the snow was blown off, and on the flat, undrained lands; the early sown wheat looks best; the freezing and thawing weather has injured the wheat on light soils and rolling lands, where the plant was exposed to the high winds; there will not be one-fourth of the area damaged by the winter or freezing and thawing since the cold weather. Rye looks some better than wheat, and will make more than three-fourths of an average yield per acre; the area is not as large as that of the previous crop. Cattle look fairly well, considering the lack of water and lack of shelter; the number is not quite as large as last season; cattle are healthy. Horses are in fine condition and healthy; there are no complaints of disease; work horses are in great demand; especially heavy horses; in some localities distemper in a light form has prevailed. The low price of wool has rather discouraged sheep farmers from giving as much attention to sheep as usual, and the result is that sheep are not in good condition, and the number is not up to an average; no complaint of disease. Hogs are in fair condition, and the number is as large as last year; cholera has prevailed to a limited extent in some portions of the county. The heavy rains have interfered with sowing oats, except on drained land. Season is rather backward, but farmers are hopeful.



**MORGAN**—The area of winter wheat is some larger than last season, and from present prospects there will be more than an average yield per acre; except on exposed land, where the snow was blown off, the wheat was not injured by the severe winter; the worst looking wheat is that sown on oat stubble. Rye is above an average in condition, and the area is about as large as last season. Cattle are healthy, and feeding cattle are in splendid condition; but few fat cattle ready for market; the number of fat cattle, old and young, is less than last season. Sheep have wintered well; not as many in the county as last season; there have been considerable complaints of loss of sheep by dogs. Hogs have not wintered well, owing to the soft corn, and hogs marketed have not been as heavy as usual; hogs are generally healthy; the number on hand is less than usual. The warm, moist weather is favorable for grass and wheat. The general outlook is good. The wet weather has interfered somewhat with spring work. Farmers are now busy sowing oats, and the area will be as large as last season.

**MOULTRIE**—The area of winter wheat is nearly one-fourth less than last season and from present prospects there will be three-fourths of an average yield per acre. Drilled wheat looks much better than that sown broadcast. Three weeks ago much of the wheat that now looks fairly well was brown and looked dead. Near y one-fourth of the wheat is reported winter killed, principally the late seeding. But little winter rye grown in the county. Cattle have wintered well and are in fair condition—not as many cattle in the county as last season. The number of horses is about the same as last season and the condition is up to an average. There are no complaints of disease among horses. Sheep have not wintered well owing to the long season of cold weather—there are some complaints of foot rot and diarrhoea. Not as many sheep in the county as heretofore. Hogs are in thin flesh, and the number is less than heretofore—no complaint of disease among hogs. The spring work has been delayed owing to the continued wet weather—some have sowed their oats where the land was drained. The prospects are not such as to enthuse the farmer very much.

**OGLE**—The area of winter wheat is much less than last season—the prospects are good for nearly an average yield per acre. The drilled wheat looks some better than that sown broadcast. Rye is nearly up to an average in condition and the area is as large as last season. Cattle are healthy and in good condition, and the number is nearly as large as last season. With the exception of a few isolated cases of glanders, horses are healthy and in fair condition. The number will compare favorably with that of the previous year. Sheep are doing well and the number is nearly as large as last season—no complaints of disease. The number of hogs is not as large as last season—condition fair—no disease reported among hogs. Grass is starting finely and clover is making good growth. Farm prospects are only fair—the season is backward and the continued rains have delayed spring work.

**PEORIA**—Winter wheat is nearly up to an average in condition—the area is not as large as last season. The season has been very favorable for the growth of wheat, which is improving rapidly. The area of

rye is about one-fifth less than last season—the condition promises nearly an average yield per acre. The number of cattle is not as large as last season—fat or stock cattle are scarce—there is a demand for good milking stock at high prices. The abundant hay crop has enabled feeders to bring their stock through the winter in good condition—no complaints of disease. Horses are not up to an average in condition owing to the inferior quality and scarcity of corn. Horses are in good demand at paying prices, especially heavy horses. The number is about the same as last season—no complaint of disease. Sheep have wintered well and are free from disease—the number of sheep has decreased rapidly of late years. The short corn crop has induced farmers to sell their hogs as fast as they were in fair condition for market. Hogs are in fair order and the number is much less than last season at corresponding date. The early pigs have not done well owing to the cold, cloudy, wet season. Weather the past few days has been favorable for spring work, and farmers will enter upon the crop season with strong faith for good crops. The acreage seeded to oats will be large. There are many inquiries for seed corn. Farmers are tiling extensively.

**PERRY**—The area of wheat is nearly as large as last season, and from present prospects there will be nearly three-fourths of an average yield per acre; wheat has made satisfactory growth during the past two weeks, and many fields that looked brown a short time since are in fair condition; much of the late sowing was winter-killed, and nearly one-fourth of the area seeded last fall is winter-killed. Rye is nearly up to an average in condition; the area is not as large as last season; but little rye grown in the county. Cattle are in good health and flesh, and the number is about as large as last season. Horses are in good condition, and there are no complaints of disease; the number is about the same as last season at corresponding date. Sheep are in thin flesh, owing to the long, cold winter; there are no complaints of disease; number about the same as usual. There are complaints of cholera among hogs in several localities; hogs have not wintered well, owing to the long, cold winter; the number of hogs is not as large as last season. Farmers are busy sowing oats, and are rapidly advancing spring work.

**PIATT**—The condition of wheat is favorable for over three-fourths of an average yield per acre; the area seeded is nearly as large as that of the previous year; the crop has improved very rapidly the past two weeks, having been greatly favored by the warm spring rains and cloudy weather; the best prospects for wheat are on millet stubble. Rye is nearly up to an average in condition, and the area is as large as last season. Cattle are in good health, but rather thin in flesh; the number is less than last season; a great many grade yearling heifers have been shipped from the county to the far west. Horses are healthy and in good condition, the number is less than last season. Not as many sheep in county as last season; sheep are in fair condition, and there are no complaints of disease. Hogs are generally healthy and in fair condition; the number is about the same as last season. Farm prospects are not encouraging; the rains have delayed spring work, and farmers are not in the best of spirits.

**PIKE**—The prospects are encouraging for more than three-fourths of an average yield per acre; the area is about as large as that of the previous seeding; the broadcast wheat looks some better, owing to the fact that it was sown in the standing corn, and the stalks prevented the snow from drifting. Rye is up to an average in condition; the area is about the same as last season. Cattle are in good condition and healthy; the number is less than last season. Horses are in only fair condition; there are no complaints of disease. Sheep have wintered well and are healthy; number about same as last season. Hogs are scarce, and in fair condition and healthy; the number is not as large as last season. Farm prospects are encouraging; spring work has been delayed by the wet season. There is a great scarcity of seed corn, and farmers are making extra efforts to secure good seed corn.

**POPE**—The area of wheat is not as large as last season; the prospects are favorable for more than three-fourths of an average yield per acre; wheat has made but little growth, owing to the cold backward season. Rye looks some better than wheat; the area is quite limited. The number of cattle is not as large as last season, and the condition of cattle is not up to an average, owing to want of shelter and care; there are no complaints of disease. Horses are in good condition, and with the exception of some few cases of distemper, are healthy; the number is some larger than last season. Sheep are not in good condition; lambs are not up to the average in number; there are no complaints of disease. There have been few complaints of hog cholera; the number of hogs is less than last season; condition about up to an average. Spring work has been delayed by continued rains; and the progress in sowing oats has been slow.

**PULASKI**—Wheat is nearly up to an average in condition; the drilled wheat looks much better than that sown broadcast; the area of wheat is some larger than last season; the late seeding of wheat looks as well as that sown earlier. Rye looks well; the area is limited and less than usual. The health and condition of cattle are up to an average; the number is about the same as last season; considerable attention is being paid to the improvement of cattle by the introduction of Jersey and Shorthorn cattle. The number of horses is some larger than last season; there is more attention paid to the raising of mules than heretofore, and farmers are making unusual efforts to improve the horses in the county. Sheep are up to an average in condition, and there are no complaints of disease. The number of hogs is less than last year; condition and health up to an average; the number of spring pigs is larger than last spring.

**PUTNAM**—But little winter wheat is grown in the county, and the area is less this season than last; wheat is looking well and with favorable conditions will make nearly an average yield per acre. Rye is up to an average in condition and the area is fully as large as last season. Cattle have wintered well and are in good condition; the number on hand is about the same as usual; no complaints of disease. Horses are in fair condition and there is no prevailing disease; the number is some larger than last season. The number of sheep is not as large as last season; sheep

are generally healthy and in good condition. There are no complaints of disease among hogs; all the hogs in fair flesh have been marketed, and the number of hogs is much below the average. The season is backward and but little spring work has been done; farmers are hopeful for the best results this season.

**RANDOLPH**—The wheat area is nearly as large as last season and from the present prospects there will be nearly an average yield per acre. The early seeding looks much better than the wheat sowed late. The area of rye is not as large as last season—the crop is nearly up to an average in condition—this crop is not grown to any considerable extent in the county. There is a slight increase in the number of cattle, which are healthy and in good condition. Jersey cattle are increasing in popularity, and more attention is being paid to the breeding of Short horns. The establishment of a creamery is being discussed. Horses are in good condition and there are no complaints of disease. Quite a number of Clydesdale, English and Norman horses have been brought into the county, and more attention has been given of late years to the improvement of the several breeds of horses. But little attention is given to the breeding of sheep, and the number is not as large as last season. Sheep are in only fair condition—no complaints of disease. Not as many hogs in the county as usual—the prospects are encouraging for a large number of spring rigs. Hogs are generally healthy and in fair condition. Farmers have commenced seeding oats. Prospects for cropping are not flattering. Money among farmers scarce, and there is but little to sell in the way of farm produce.

**RICHLAND**—The area of wheat seeded is nearly one-fourth less than last season, and from present prospects there will be less than half an average yield per acre. Much of the wheat was sown late and suffered from the severity of the winter. If the weather continues warm the chinch bugs will fly early and seriously damage the wheat that was not winter killed. Nearly one-third of the wheat was winter killed. Cattle are generally in fair condition and healthy. Considerable attention is paid to the improved breeds of cattle. But few fat cattle are in county. Horses are in fair condition—there is considerable demand for brood mares for breeding to draft horses—no complaints of disease among horses. Sheep are in good condition, and more attention is being given to the raising of sheep of the improved breeds. Hogs are scarce and in demand at high prices—some complaints of hog cholera in portion of the county. Hogs are in only fair condition owing to the scarcity of corn. The season is rather backward and the continued wet weather has delayed spring work. Some farmers have seeded their drained land with oats.

**ROCK ISLAND** The winter wheat area is quite limited and is about the same as last season. Much of the wheat was sowed late and did not make much growth before the severe winter weather set in. From present prospects there will not be much over half an average yield per acre. Rye is up to an average in condition—the area is not as large as last season. Cattle have generally wintered well and are in fair condition, with no prevailing disease—the number is not as large as last season. Fat



cattle are scarce. There are some complaints of distemper among horses in certain localities—otherwise healthy—condition fair. There is good demand for horses at paying prices. But little attention is given to sheep raising, and the number is less than last season. Sheep are healthy and in fair condition. Hogs are not in good condition owing to the scarcity of corn—the number of hogs is less than usual—no complaint of disease. Spring work has been delayed by the cold backward spring. Some farmers have commenced seeding oats and spring wheat on drained lands. Farmers are hopeful for good cropping season.

**SALINE**—The wheat area is nearly as large as last season, and from present prospects will make three-fourths of an average yield per acre; the early sown wheat looks much better than the late seeding. Rye looks some better than wheat, but will not make much over three-fourths of an average yield per acre; the area of rye is as large as last season, but is quite limited. Cattle are healthy, but in poor condition, owing to the want of good shelter and care; but little attention paid to the raising of improved breeds of cattle; the number of cattle not as large as last season. Horses are in fine condition and healthy; number about the same as last season; more attention is being paid to the improvement of the better breeds of horses. Sheep have wintered well, and are in good condition; no complaint of disease; there is a decrease in the number, compared with last season. The number of hogs is not as large as last season; hogs are in good condition, and generally healthy; some little complaint of cholera among hogs in localities. Season is backward, and but little spring work has been done. Peaches are killed. Some fruits promise fine crops. Timothy meadows look fine; clover badly winter-killed.

**SANGAMON**—The area of winter wheat is some larger than last season, and from present prospects there will be more than three-fourths of an average yield per acre; wheat is improving daily in condition; the best wheat is found where sown on corn ground; the exposed land, where the snow was blown off, looks brown, and shows the bad effect of the severe winter; the drilled wheat generally looks better, because seeded more evenly, and the ground is generally more thoroughly prepared for the drill. Rye is up to an average in condition, and the area is about the same as last season. Cattle are in fair condition, and have wintered well, considering the long cold winter; the number of native, or scrub cattle, is growing less each year, and better bred cattle are taking their places; cattle have had an abundance of coarse forage the past winter; not many fat cattle preparing for market. Horses are healthy and in good condition; more attention is being paid to the breeding of draft horses, of late years, and prices for such horses have been quite satisfactory. Sheep are only in fair condition; the number about the same as last spring; there are complaints of serious loss of young lambs. Spring work has been delayed by the frequent rains and cold weather. Farmers are in good spirits, and will make an earnest effort to obtain good crops this season.

**SCHUYLER**—The area of wheat is nearly as large as last season, and from present prospects there will be nearly an average yield per acre; wheat was generally sown late, and made but little growth before the

winter; the snow-protection saved much of the wheat, which came out of the winter in promising condition. Rye is nearly up to an average in condition; the area is not as large as last season. Cattle are healthy, and have wintered well on the abundance of forage; no complaints of disease. Horses are in fair condition and healthy; the horses affected with glanders were killed, and the disease promptly stamped out; the number of horses is some larger than last season. Sheep are in fair condition, and lambs are coming strong, and in number up to the average. The number of hogs is less than usual; there are no complaints of disease among swine; condition up to an average. Season is backward; wheat, clover and grass growing nicely. Old orchards damaged by the severe cold winter.

**SCOTT**—The area of wheat is nearly as large as last season, and the condition gives encouragement for nearly an average yield per acre; the wheat sown in corn looks the best; the late favorable weather has greatly improved condition of wheat. Rye is up to an average in condition; the area is quite limited, and not as large as last season. Cattle are healthy and in fair condition; not as many fat cattle in the county as usual; the number of cattle is about the same as last season. Horses are in fair condition for spring work, and the number is some larger than usual; no complaint of disease. Sheep are in fair condition, and no diseases prevailing among the flocks. The number of hogs is about the same as usual; there are few complaints of disease among hogs; sows are farrowing well. The prospects are favorable for spring work; the frequent rains and mud have delayed early seeding of oats. There are many inquiries for seed corn; the expensive experience resulting from the use of poor seed corn last season has caused no little anxiety for good seed corn.

**SHELBY**—The prospects are not encouraging for over three-fourths of an average yield per acre of winter wheat; the area of the growing crop is about as large as last season; considerable wheat on the prairies was winter killed; the late sown was badly damaged by the severe winter. Rye is nearly up to an average in condition, and the area is nearly as large as last season. Cattle came through the winter in fair condition, and are generally healthy; the number on hand is not as large as usual, especially feeding cattle. Horses are healthy and in good condition; the number of horses fit for market is less than usual. Fat sheep have not done well the past winter, owing to the inferior quality of corn and the long protracted winter; no complaint of disease; number fully as large as last season. Hogs are scarce, in fair condition and healthy. Spring work has been delayed by the cold, backward season; but little plowing has been done for oats. The land where drained is mellow and works well.

**STARK**—The area of wheat is quite limited, but about the same as last year; wheat has come through the winter in good condition, and from present prospects will make an average yield per acre; the snow protection for wheat and rye the past winter has been of great benefit to these crops. Rye looks well; the area is not quite as large as last season. The seasons are now changing again in favor of winter wheat, and those who have sowed wheat the past few years have obtained good results; from 1830 to 1847 winter wheat was a profit-



able crop in the county, and has sold as low as 25 cents per bushel. Cattle are in good condition, with no prevailing disease; fat cattle have been quite generally sold. Horses have wintered well, and are in fine condition for spring work; there has been a profitable demand for work-horses, which have been largely disposed of to horse-buyers. Sheep are doing well, and flockmasters anticipate a good crop of lambs. Hogs are healthy and doing well, and about the usual number of pigs are expected; no complaints of disease. Some farmers have sowed their oats. The spring work is not well advanced, owing to the backward spring. The failure of the late corn crop made it necessary to send off for corn for wintering stock.

**ST. CLAIR**—Wheat is nearly up to an average in condition; the area is as large as last season. But little rye raised in this section, and that principally for early pasture. Cattle are generally in good condition, and the number is about as large as usual. There are complaints of foot-rot among sheep; the condition of sheep is not up to an average, owing to the long severe winter and the rains and the wet condition of the soil since winter. Considerable complaint of disease among hogs, resembling cholera, supposed to have its origin in the stock yards from which many farmers obtain their supply of feeding hogs. Farmers are paying considerable attention to the improvement of their stock, and the improved foreign breeds of farm animals are in demand.

**STEPHENSON**—The area of winter wheat is not as large as last season, and the condition of the crop is not quite up to an average; the area of winter wheat is not large. Rye looks some better than wheat, but will not make quite an average yield per acre; the area of rye is not as large as that of the previous year. Wheat and rye have been covered with snow most of the winter, and the conditions could not have been more favorable. Cattle are not up to an average in condition, owing to the scarcity of corn and the inferior quality of the hay crop, much of which was damaged by the rains during harvest. There are no complaints of disease. Horses are in good condition, and the number and health are about up to an average. Sheep are in fair condition, and there are no complaints of disease. The number of hogs is quite limited compared with same date last season; condition fair; health good. Farmers still feel the effects of the failure of the last corn crop, and while hopeful for the best results this season, are not in the best of spirits.

**TAZEWELL**—The area of wheat is not as large as last season, and the prospects are not encouraging for an average yield per acre; the recent warm spring rains have greatly benefited the wheat. Rye is nearly up to an average in condition; the area is not quite as large as that of last year; rye is cultivated principally for late and early pasture. Cattle are healthy and in fair condition; the number is not as large as usual at this season. There is an increase in the number and size of horses, which are healthy and in fair condition. But few sheep in the county; no complaints of disease; a number of flocks have suffered from the attacks of dogs. Hogs are generally healthy and in good condition, but limited as to numbers; no complaints of disease. But few have finished sowing

oats; the season is rather backwards, and spring work has been delayed by the continued rains. There is much inquiry for good seed corn. Farmers are in good spirits, and determined to spare no efforts to obtain the best results during the coming season.

**UNION**—Wheat is not quite up to an average in condition; the area is as large as last season. The early sown wheat is making very satisfactory growth, and promises an average yield per acre. Cattle are generally healthy; the number on hand is some larger than last season; condition only fair. There is but little increase in the number of horses, compared with last season; horses are healthy and in fair condition. Health and condition of sheep is only fair; there have been some losses of sheep by disease the past winter; the loss of lambs has been unusually large. Hogs are in fair condition; considerable loss among hogs the past season by disease; the number of hogs is less than last season. Season is backward, and the continued rains have delayed seeding oats.

**VERMILION**—The area of winter wheat is not as large as last season; the condition of wheat gives encouragement for only about two-thirds of an average yield per acre; the wheat was seriously injured last fall by the Hessian fly. Rye will make over three-fourths of an average yield per acre; not as much rye sown last fall as formerly. Cattle have wintered well, and are in fair condition; not as many cattle in the county as last season at corresponding date. Horses are healthy and in good condition; the number on hand compares favorably with last season at corresponding date. Hogs are in good condition, and generally healthy; number nearly as large as last season. Farmers have commenced sowing oats. The ground is in fine condition for plowing and planting.

**WABASH**—The area of winter wheat is nearly as large as last season; the condition gives encouragement for three-fourths of an average yield per acre; the early sown wheat looks more promising than the late seeding; considerable wheat was winter-killed on thin prairie land, and wet, undrained land. Cattle are in good condition and healthy; the number is less than last season; cattle have been improved in quality of late years. There is a slight increase in the number of horses, compared with last season; horses are in fair condition, and free from disease. Not as many sheep as heretofore; sheep are generally healthy; there has been considerable mortality among lambs; ticks are very plentiful. The number of hogs in the county is less than usual; a large number of pigs have died; hogs are in fair condition. Grass and clover have made satisfactory growth, and many have finished sowing their oats. The season promises to be early.

**WARREN**—Winter wheat is nearly up to an average in condition, and the area is as large as last season. Wheat on clover or timothy sod looks best. The snow protection from the 16th of December to the 1st of March, has been of great benefit to wheat. The seeding was late owing to the prevailing drouth last fall, and wheat made but little growth before the cold weather, and where not protected by snow was winter killed. Rye is nearly up to an average in condition—the area, although limited, is about as large as that of the previous seed-

ing. Cattle, except butchers' stock, number about as usual—fat cattle are scarce. The health and condition of cattle is good. Horses are in good condition, and in number compare favorably with previous years—no complaints of disease. Sheep have wintered well—the number is not as large as last season, owing to loss by dogs and the low price of wool. Sheep are healthy. Hogs have been marketed more freely than usual, and the number on hand is quite limited—no complaint of disease. Hogs are in fair condition. Farmers are hopeful and many believe that a long cold winter is followed by good cropping season. But little plowing has been done.

WASHINGTON—The acreage of wheat is some larger than last season, and the prospects are favorable for more than three-fourths of an average yield per acre. Considerable of the late wheat was winter killed. Wheat on prairie soil and that on oat stubble is not as good as that sown on wheat stubble. Rye is nearly up to an average in condition—the area is as large as last season. Cattle are healthy and have wintered well—the number is not as large as last spring. Horses are in good condition, and the number is as large as usual—no prevailing disease among horses. Sheep are in medium condition—the number is much less than usual—no complaints of disease. Hogs are generally healthy and in good condition, though not as many in the county as formerly.

WAYNE—The area of wheat is not as large as last season—much of the wheat was sowed late owing to the dry weather last fall, and had not made sufficient growth before winter to withstand the extreme cold weather, and in some portions of the county nearly one-half the crop was winter killed. Cattle are in fair condition and generally healthy—in some localities cattle have been troubled with what is known as black leg, and one farmer lost eight head and another fourteen head in three weeks. The first intimation of the disease is, that the cattle become stiff and can scarcely move, and frequently they will be dead within twelve hours. Horses are in fair condition and healthy—the number is about the same as usual. The number of sheep is not as large as last season—the cold wet weather has been unfavorable for lambs and many have died. Sheep are healthy and in fair condition. But few cases of cholera among hogs are reported. Hogs are in moderate condition and the number is limited. The season is rather backward and the cold wet weather has delayed spring work. Grass is making good growth and will soon furnish pasturage for stock.

WHITE—The condition of wheat gives encouragement for more than three-fourths of an average yield per acre; the area seeded last fall is much below that of the preceding year; the early sown wheat was damaged by the Hessian fly, and the late seeding was injured by the severe winter; the growth of wheat since the late favorable weather has been satisfactory. Rye is up to an average in condition; the area devoted to this crop is very limited. Cattle are in fair condition, and there are no complaints of disease; the number of cattle is nearly as large as last season. Horses are up to an average in condition; the number of horses is about as large as usual; no prevailing disease. Sheep have wintered well, and are generally healthy; more attention of late has been given to raising

mutton sheep. The number of hogs is less than in April, 1883; considerable loss has been sustained by so-called cholera; hogs are not in good condition. Season is backward, and the cold, wet weather has interfered with spring work; some have sowed their oats, and some sod ground has been plowed for corn.

WHITESIDE—But little winter wheat grown in the county, and the last seeding has been less than usual; the prospects are not encouraging for more than half an average yield per acre. Rye will make more than three-fourths of an average yield per acre; the area is not quite as large as that of the preceding crop. Cattle are rather thin in flesh, and the number is less than last season; there has been complaint of an affection among cattle, commonly known as mad itch, otherwise cattle are healthy. Horses are in fair condition and healthy; the animals affected with glanders were killed as soon as the disease was known; the sale of a large number of horses for the Eastern market has reduced the number usually on hand at this season. Sheep are in fair condition; number limited compared with former years. Hogs are generally healthy and in fair condition; number less than usual. Prospects are generally considered encouraging; spring work is well advanced, considering the season. The grass has made some growth, and stock find some pasturage.

WILL—Wheat is nearly up to an average in condition; the small area devoted to this crop is about as large as usual. Rye looks well and the area is as large as in 1883. The number of cattle is not as large as last season; cattle are healthy and in good condition. Horses are generally healthy and in fair condition; the number is nearly as large as last season. The number of sheep is less than heretofore. Hogs are healthy and have wintered well; the number is about as large as in April 1883. The season is backward and but little spring work has been done; some have commenced plowing for oats on drained land; undrained land will be too wet to work for some time.

WILLIAMSON—The area of wheat is not quite as large as last season, and the condition of the crop does not give encouragement for even two-thirds of an average yield per acre; the small portion of the wheat that was sown early was badly damaged by the Hessian fly; to avoid the Hessian fly the greater portion of the wheat was sown late when the ground was too wet to work well; the crop made but little growth before the severe winter weather, and much of it was winter-killed; the late favorable weather has made considerable change for the better in the appearance of wheat. Cattle are healthy and in good condition considering the long severe winter through which they have passed; the number is about the same as last season. Horses are in good condition and there are no complaints of disease; the number of horses on hand is nearly as large as last season. Sheep have not wintered well, and more have died of disease than usual the past winter. The number of hogs is some larger than last season at corresponding date; hogs have wintered well and are healthy. Farmers have commenced sowing; prospects are rather discouraging, as the leading crop is wheat, which is in bad condition; there will be more corn planted than usual.



WINNEBAGO—The area of winter wheat usually sown in the county is quite limited, and this season is less than usual; the condition of the crop promises nearly an average yield per acre. The area of rye is larger than last season, and from the present outlook there will be about an average yield per acre. Wheat and rye were sown late, and made but little growth before the winter. The snow protection greatly benefited these crops, and prevented winter killing. The number of cattle is not as large as last season, owing to the high prices paid for beef cattle and the scarcity of corn; cattle have wintered well and are in fair condition and health. There are no complaints of disease among horses; there has been an unusual demand East, West and North for horses, and the number on hand is not quite as large as last spring; horses are in good seasonable condition. Sheep are healthy and in fair condition; not so many raised in the county as formerly. Hogs are healthy and scarce, owing to the partial failure of the late corn crop, which has induced farmers to market hogs before maturity. Farm prospects are not flattering. Most of the tender fruits were killed during the severe winter. Farmers have little farm produce to market, and much

corn to buy for feeding during the season, besides the season is backward, and the wet weather has delayed preparations for spring work.

WOODFORD—Wheat looks well, and with favorable conditions will make an average yield per acre; the area of winter wheat is as large as last season. Rye is up to an average in condition, and the area is nearly as large as last season. The ground was covered with snow most of the winter, and afforded winter grain good protection. Cattle are in fair condition, and there are no complaints of disease; the scarcity of corn made it necessary to send abroad for a large amount of corn on which to winter stock. Horses are in fair condition for spring work, and healthy; number about the same as last spring. Not as much attention given to sheep breeding as formerly; sheep are healthy, and generally in good condition. Hogs are healthy and in good condition; number not as large as last season. The season is backward, and the continued rains has delayed spring work. There has been a very large amount of tile laid in the county the past year, which will largely assure good crops this season.





Pike.....	Griggsville	625	30	850	29	700	30	190	47	-30.	19.	S W & N W	4	0.71	6	14	0.	10.86
Christian.....	Pana	760	.....	.....	.....	.....	.....	.....	57.	-22.	20.2	N	.....	0.90	8	10	0.	7.70
Coles.....	Mattoon	724	.....	.....	.....	.....	.....	.....	62.	-28.	.....	.....	.....	.....	.....	.....	.....	.....
Average.....	.....	.....	30	702	29	716	30	214	53.75	-26.22	18.86	SW	3	0.82	8	12	.....	9.35
SOUTHERN DIVISION.																		
Crawford.....	Palestine	.....	.....	.....	.....	.....	.....	.....	62.	-22.	22.19	S	4	1.00	8	9	0.	19.40
Bond.....	Greenville	.....	.....	.....	.....	.....	.....	.....	64.	-24.	19.74	N	.....	1.85	.....	13	.....	15.30
St. Clair.....	Mascoutah	.....	.....	.....	.....	.....	.....	.....	56.	-5.	.....	.....	4	1.42	5	.....	.....	6.50
Marion.....	Centralia	.....	.....	.....	.....	.....	.....	.....	66.	-26.	21.	.....	4	0.85	.....	.....	.....	10.25
Perry.....	Swanwick	492	.....	.....	.....	.....	.....	.....	64.	-22.	22.07	N W & S E	4	1.15	9	9	0.	17.50
Hamilton.....	McLeansboro	.....	.....	.....	.....	.....	.....	.....	64.	-26.	24.22	N W	5	2.15	9	14	0.	16.32
Union.....	Anna	.....	30	730	29	800	30	250	65.	-21.	25.60	N W	4	2.01	9	13	0.	14.7
Pope.....	Golconda	.....	377	30	778	29	770	30	295	68.	25.15	N W, N & S	5	2.12	10	12	0.	.....
Alexander.....	Calro	.....	.....	.....	.....	.....	.....	.....	65.	-16.	27.90	N	5	2.32	15	.....	.....	.....
Average.....	.....	.....	30	754	29	785	30	272	63.77	-22.44	23.48	N W	4	1.77	9	11	0.	14.27
State Average.....	.....	.....	31	306	29	626	30	133	53.55	-25.87	18.42	.....	3.6	1.20	7.9	10.6	6.4	10.21

\*WIND.—Maximum velocity or force is estimated as follows: 1. Very light breeze, varies between 1 and 2 miles per hour. 2. Gentle breeze varies between 3 and 5 miles per hour. 3. Fresh breeze, varies between 6 and 14 miles per hour. 4. Strong wind, varies between 15 and 29 miles per hour. 5. High wind, varies between 30 and 39 miles per hour. 6. Gale, varies between 40 and 59 miles per hour. 7. Strong gale, varies between 60 and 69 miles per hour. 8. Violent gale, varies between 70 and 79 miles per hour. 9. Hurricane, varies between 80 and 99 miles per hour. 10. Most violent hurricane, varies from 100 upwards.

RAINFALL OR MELTED SNOW, IN INCHES AND HUNDRETHS, ON DAYS IT OCCURRED.

STATIONS.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total.	
NORTHERN DIVISION.																																		
County. Postoffice.																																		
Boone	Belvidere	64											.05						.09														1.07	
McHenry	Marengo	30																.02															.80	
Ogle	Polo	60								.10								.40															1.45	
DeKalb	Sycamore	35																.05															.71	
Cook	Chicago	30	.09					.17					.05	.01	.02				.13	.10													1.39	
Kane	Aurora	52											.05					.18															1.14	
Lee	Prarieville	70										.08						.12															1.30	
Whiteside	Morrison																																	
Rock Island	Rock Island	20										.10								.12			.05	.18									.43	
Warren	Monmouth	60							.02																									1.06
Peoria	Peoria	21											.05						.20					.03									.70	
CENTRAL DIVISION.																																		
Logan	Atlanta	24											.16						.16	.01			.08										.75	
Menard	Petersburg							.08											.20														.25	
Sangamon	Springfield	38	.12		.06		.10						.05						.60	.14						.02							1.51	
Scott	Merritt																																	
Pike	Griggsville	11	.04	.02			.14												.37	.03													.71	
Christian	Pana																																	
Coles	Mattoon	20			.08		.12						.03						.20	.25				.01										.90
SOUTHERN DIVISION.																																		
Crawford	Palestine	60			.50				.35				.01		.02					.40														1.90
Bond	Greenville	50			.20		.50												.50	.50													2.10	
St. Clair	Mascoutah	20			.21	.20	.36							.14					.20	.11													1.42	
Marion	Centralia																																	
Perry	Swanwick	11			.08		.35								.30				.20	.08													1.15	
Hamilton	McLeansboro				.30		.50																											1.97
Union	Ana	16			.36		.46								.50				.35	.09													2.01	
Pope	Golconda	15			.16	.10	.60								.56				.16	.20													2.12	
Alexander	Cairo	16			.07	.03		.54	.04	.01					.52				.37	.06	.01			.03									2.32	



# REMARKS FOR JANUARY.

**BOONE COUNTY**—G. B. Moss, Observer, Belvidere. Highest temperature, 40° on the 13th, and lowest, -32°, on the 5th. Highest daily mean temperature, -33°.12, on the 13th, and lowest, -25°.5, on the 5th. The mean of the coldest day in any month before during the past 16 years was -18°.62 (January 2, 1879.) Mean 2d to 8th inclusive, -11°.55; of 1st to 10th, -7°.35; 1st to 16th, 1°.39; and 17th to 31st, 14°.13. Mean temperature of 16 Januaries past, 17°.7; 1880 being the warmest, 33°.71, and 1875 the coldest, 6°.31. A marked feature of the cold weather, 2d to 8th, was the high wind.

**McHENRY COUNTY**—JOHN W. JAMES, Observer, Marengo. Frost every day in the month. Solar halo on the 15th and 19th. Lunar halo on the 9th and 15th. Temperature of well 34 feet deep on January 1, 48°.5. The mean temperature of January, 1884, 9°.8, has been 8° below the mean of 21 Januaries past. Only January, 1875, was colder, -5°.8. January, 1880, was the warmest, 33°.3. The range of the thermometer for the month, 71°, has been equalled in January but once—in 1874—and exceeded but once, in January—in 1864. Total precipitation for the month is 1.04 inches less than the mean amount of 23 Januaries past. January, 1865, 1866 and 1872, only were drier. January, 1880, was the wettest, 4.14 inches—and 1872 the driest, 0.45 inches. Fair sleighing for light loads during the month. The winds for January have been distributed as follows: North, 10 times; N. E., 4; East, 3; S. E., 1; South, 7; S. W., 19; West, 18; N. W., 23, and calm 3 times. There have been 3 clear, 10 fair, and 13 cloudy days.

**OGLE COUNTY**—A. B. SWENEY, Observer, Polo. Solar halo on the 9th, 10th, 15th, 19th, 26th and 31st. Lunar halo on the 9th. Monthly mean temperature—7 A. M. observations, 4°.77; 2 P. M., 15°.51, and 9 P. M., 9°.55. Highest daily mean, 35°.5; lowest daily mean, -23°.5. There were 11 clear, 10 fair, and 10 cloudy days.

**DEKALB COUNTY**—ROSWELL DOW, Observer, Sycamore. Highest temperature, 39° on the 30th; lowest, -28° on the 5th. Mean temperature of the month, 11°.53. There were 11 clear, 7 fair, and 13 cloudy days. Rain or snow fell on 6 days. Total snowfall during the month, 6.10 inches.

**COOK COUNTY**—WM. NORRINGTON, Sergeant Signal Corps, U. S. A., Chicago. Highest barometer, 30.676, and lowest 29.599; highest temperature, 49°.3; lowest -18°.5. Greatest daily range of temperature 25°.9; least daily range 6°.5. Mean daily range 15°.4; mean temperature of the month, 2°.9 above the mean of January 1883, and the precipitation for the month 0.35 inches less than in 1883. There were 9 clear, 13 fair and 9 cloudy days. Total movement of wind for the month 6.713 miles.

**LEE COUNTY**—MATH. SCHICK, Observer, Prairieville. Solar halo on the 3d and 12th; lunar halo on the 7th, 9th, 12th and 13th. Highest daily mean barometer, 30.330, and lowest 29.510. Highest daily mean temperature 38° on the 29th, and lowest daily mean -20°.1 on the 5th. Mean humidity, 75.5. Prevailing wind west. Maximum velocity, 40 miles per hour on the 1st and 18th, at 9 P. M. from N. E. Total movement for the month, 4,290 miles. Snow fall during the month, 10 inches. Winds followed by rain, N. E. E. S. E., and S; by clear or fair weather, S. S. W., W., N. W. and North.

**ROCK ISLAND COUNTY**—D. W. FLAGLER, Observer, R. I. Arsenal. Highest temperature, 47° on the 29th, and lowest -33° on the 4th. Mean temperature for the month, 12°.26. Highest daily mean temperature, 40°.3 on the 29th, and lowest daily mean -20°.3 on the 5th.

**WARREN COUNTY**—SMITH & DUNBAR, Observers, Monmouth. Highest temperature, 46° at 7 A. M. on the 30th, and lowest, -30° at 7 A. M. on the 5th. Highest daily mean temperature, 38° on the 29th, and lowest daily mean, -21° on the 5th. Highest barometer 29.980 on the 5th, and lowest, 29.070 on the 10th. Highest daily mean, 29.960 on the 5th; and lowest daily mean, 29.170 on the 13th.

**PEORIA COUNTY**—FRED BRENDEL, Observer, Peoria. Frost every day except the 13th, 28th and 29th. Solar halo on the 4th. Lunar halo on the 6th, 9th and 10th. Highest temperature, 48° on the 30th, and lowest temperature, -27°, on the 5th—the lowest observed in 29 years. Highest barometer, 30.297 on the 5th, and lowest 29.267 on the 13th.

**LOGAN COUNTY**—R. W. BURT, Observer, Atlanta. Highest temperature, 44° on the 13th, and lowest, -27° on the 5th—this is 5° lower than I have before recorded during the past 25 years, the range in the various localities being from 26° to 34° below zero. The month has been dry and pleasant, fine sleighing continuing from the 16th of December to the close of January.

**MENARD COUNTY**—JAMES D. WEITLEY, Observer, Petersburg. Lunar halo on the 9th. Highest daily mean temperature, 42°, on the 29th and lowest daily mean, -19°.5 on the 5th. Of 91 observations of the weather, 36 were clear, 8 fair and 47 cloudy.

**SANGAMON COUNTY**—T. B. JENNINGS, Sergeant Signal Corps U. S. A., Springfield, Observer. Dates of frosts, January 14, 16, 17, 18, 20, 21, 22, 25, 26 and 31. Solar halos on the 3d and 4th. Lunar halos on the 3d, 6th and 9th. Highest barometer, 30.735, on the 5th, and lowest, 29.732, on the 10th. Monthly range of barometer, 1.003. Highest temperature, 62°.05 on the 30th, and lowest,

-22°.3 on the 5th. Monthly range of temperature 84°.8. Greatest daily range, 34°, on the 23d, and least daily range, 5°.5 on the 3d. The mean temperature of the month (20°.8) is 7° below the mean of 5 Januaries past, and the precipitation, 1.51 inches, is 0.39 of an inch below the mean for the same period. There were 11 clear, 14 fair and 6 cloudy days. Highest velocity of wind, and direction, 29 miles per hour, west, on the 30th. Total movement for the month, 6,678 miles.

**PIKE COUNTY**—A. MONROE, Observer, Griggsville. Solar halos on the 10th, 22d, and 26th. Lunar halo on the 9th. Parhelia on the 2d and 8th. Of the 93 observations of winds they were from the north 11 times; northeast, 9; east, 1; southeast, 4; south, 4; southwest, 30; west, 12, and northwest, 22 times. Highest temperature, 47° on the 30th, and lowest, -30° on the 5th. Highest daily mean temperature, 42° on the, 29th, and lowest, -18° on the 5th.

**COLESCOUNTY**—WM. DOZIER, Observer, Mattoon. Highest temperature, 62° on the 30th, and lowest, -20° on the 5th. Highest daily mean temperature, 48° on the 30th, and lowest daily mean, -17° on the 5th. Mean temperature of the last 5 Januaries, 26°. Mean precipitation for the same period, 2.5 inches. Of 93 observations of the winds they were from the north, 19 times; northeast, 6; east, 2; southeast, 11; south, 18; southwest, 5; west, 14; northwest 11, and calm 7 times. Of the weather, 50 observations clear, 10 fair and 33 cloudy.

**CRAWFORD COUNTY**—JOHN E. TEMPLETON, Observer, Palestine. Lunar halo at 8 P. M. on the 6th. Highest temperature, 62°, at 2 P. M. on the 30th, and lowest, -22° at 7 A. M. on the 5th. Highest daily mean temperature, 55°, on the 30th, and lowest daily mean -15°, on the 5th. Diffuse lightning in the southwest at 9 P. M. on the 30th, and at intervals from 7 to 8 P. M. on the 31st, in the south and southwest.

**BOND COUNTY**—JOHN B. WHITE, Observer, Greenville. Highest temperature, 64°, on the 30th; and lowest, -24°, on the 5th. Highest daily mean temperature, 47°, on the 30th; and lowest daily mean, -19°.25, on the 5th. 93 observations of the direction of the wind—from the north 21 times, northeast 4, southeast 7, south 16, southwest 18, west 16, and northwest 11 times. The face of the sky, in 93 observations, gave 46 clear, 4 fair, 35 cloudy, 3 sleet, 2 hazy and 3 foggy.

**MARION COUNTY**—J. L. HALLAM, Observer, Centralia. Frost occurred on every day except the 29th and 30th. A dense fog occurred early in the morning of the 28th, continuing all day. The month has been the coldest recorded since 1864. On the 2d day of January, 1864, the thermometer, at 6 A. M., marked 29° below zero. On the 5th of the present month, at 7 a. m., the thermometer indicated 26° below zero, and was, doubtless, at 6 A. M., several degrees lower.

**PERRY COUNTY**—J. C. ELLIOTT, Observer, Swanwick. Solar halo on the 16th, 17th, 22d and 26th. Lunar halo on the 5th, 9th, 12th and 16th. Highest daily mean temperature, 64°, on the 30th; and lowest daily mean, -14°.7, on the 5th. Of 93 observations of the weather, 42 were clear, 5 fair, 2 hazy, 1 dense fog, 39 cloudy, 12 snowing and 4 raining. Winds followed by rain, northeast and south; by clear or fair weather, north-west.

**HAMILTON COUNTY**—WM. P. GIBBS, Observer, McLeansboro. Light thunderstorm on the 30th. Lightning in south and southwest at night of the 31st, during a clear sky; the temperature on same date fell from 59° at 1 p. m., to 21° at 9 p. m. Solar halo on the 3d and 16th. Highest temperature, 64°, and highest daily mean, 55°.2, on the 30th. Lowest temperature -26°, and lowest daily mean temperature, -20°, on the 5th—the coldest day recorded here in 15 years past. There were 4 entirely clear, 13 fair and 14 cloudy days.

**UNION COUNTY**—JNO. D. NEWBEGIN, Observer, Anna. Mean temperature of 25°.60 is 7°.17 below the January average of the past 9 years; and the rainfall of 2.01 inches is 1.86 less than the average for the same period of time. The temperature of January, 1864, is here compared with January, 1864, the same thermometer in the same locality being used. 1864: highest temperature, 67°; lowest, -22°; monthly mean, 32°.5; highest daily mean, 58°.5; lowest daily mean; -11°.7. 1884: highest temperature, 65°; lowest, -21°; monthly mean, 25°.60; highest daily mean, 60°; lowest daily mean, -15°.2.

**ALEXANDER COUNTY**—WM. H. RAY, Sergeant Signal Corps, U. S. A., Cairo. Thunderstorm on the 30th, lasting from 6:30 P. M., to 9:25 P. M. A brilliant display of lightning in the E, SE and southern horizon was observed on the 31st, during a clear sky, the flashes continued almost incessantly from 6 P. M., to 11 P. M., the temperature on same date fell from 61° at 3 P. M., to 36° at 10 P. M. Solar halo January 3, 13, 16, 17 and 26. Lunar halo on the 4th, 9th, 11th, 13th and 16th. Highest barometer, 30.778 on the 5th, and lowest, 29.770, on the 31st. Highest temperature, 65°.5 on the 30th, and lowest, -16° on 5th. There were 2 foggy days, 4 clear, 13 fair, and 12 cloudy days. Highest velocity of wind and direction, 38 miles per hour, west at 3:45 P. M. on the 1st. Winds of 25 miles per hour and over occurred as follows: On the 1st, W, 38 miles per hour; 2d, W, 30 miles; 4th, N. 33 miles; 10th, N, 28 miles; 13th, SW, 27 miles; 15th, NE, 26 miles; 23d, N. 34 miles; 24th, N, 32 miles; 30th, SW, 29 miles, and 31st, N, 31 miles per hour. Total movement for the month, 7,119 miles.









Christian .....	Pana.....	760.....	.....	.....	56.....	0.....	23.....	.....	SE & NW.....	3.....	4.00.....	7.....	21.....	0.....	3.25.....
Coles.....	Maltoon.....	724.....	.....	.....	62.....	2.....	33.5.....	.....	.....	.....	5.44.....	11.....	20.....	0.....	2.90.....
Average .....	.....	.....	30.605	29.654	30.185	53.52	.93	29.75	75.1	4	3.92	9	19	0	3.08
SOUTHERN DIVISION.															
Crawford.....	Palestine.....	.....	.....	.....	65.....	7.50	34.8	.....	S.....	3	4.40	13	13	0.25	1.00
Bond.....	Greenville.....	.....	.....	.....	62.....	-1.....	33.7	.....	W.....	.....	6.70	15.....	.....	3.50	.....
St. Clair.....	Mascoutah.....	.....	.....	.....	60.....	2.....	34.2	.....	NE & NW.....	4	4.42	19.....	.....	.....	1.85
Marion.....	Centralia.....	492.....	.....	.....	56.....	2.....	33.9	.....	NW.....	5	6.18	14.....	12.....	.....	1.50
Perry.....	Swanwick.....	.....	.....	.....	63.....	2.....	36.79	.....	NW.....	6	3.87	11.....	16.....	1.....	1.00
Hamilton.....	McLeansboro.....	.....	.....	.....	68.....	0.....	38.70	.....	NW.....	5	5.38	12.....	13.....	.....	1.60
Union.....	Anna.....	30.550	29.470	30.100	68.....	6.....	38.70	.....	NW S & SW.....	5	6.61	14.....	13.....	2.....	4.00
Pope.....	Galesda.....	377	30.516	29.525	30.110	69.....	12.....	42.....	S & N.....	6	5.58	.....	.....	.....	.....
Alexander.....	Cairo.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Average .....	.....	.....	30.523	29.497	30.105	64.55	4.28	36.75	75.4	5	5.78	13	15	1.69	1.82
State Average .....	.....	.....	30.443	29.468	30.021	53.71	.17	30.16	76.2	5	4.02	11	17	2.56	3.93

## REMARKS FOR FEBRUARY.

**MC HENRY COUNTY**—JOHN W. JAMES, Observer, Marengo. Solar halo on the 20th. Lunar halo on the 9th. Polar bands on the 15th. February 1—temperature of 34-foot well, 46° 7'; thermometer -1°, at 6 A. M., and 32° at 9 P. M., a rise of 33° in 15 hours. Mean temperature for the month, 20° 5, is 1° 9 below the February average of the last 23 years; 1862, '66, '68, '73, '75, '79, '81 and 1883 were colder; only once before, in 1875, has the thermometer failed to reach a higher point in February. Total precipitation, 2.20 inches, is 0.57 more than the February average for 21 years past; 1861, '69, '76, '81 and 1883, were wetter. Mean temperature of the winter of 1883-4 was 17° 8, or 3° 1 lower than the mean of 21 winters past; only the winters of '72-3, '74-5, '78-9, '80-1 and '82-3, were colder. Total precipitation of winter, 4.67 inches, or 0.77 inch less than the mean amount of 20 winters past. Total depth of snow, 31.25 inches. Steady sleighing from December 18, 1883, and still good March 3, 1884, with no prospect of thaw in the near future, to spoil it. Winds for February, 1884, were distributed as follows: North, 7 times; northeast, 19, east 3; southeast, 1; south, 17; southwest, 8; west, 8; northwest, 21; calm, 3 times. There were 3 clear, 8 fair and 18 cloudy days.

**OGLE COUNTY**—A. B. SWENEY, Observer, Polo. Solar halo on the 10th and 20th. Highest temperature, on the 25th, 39°; lowest, -12° on the 29th. Highest daily mean temperature, 36° 75, on the 18th; lowest daily mean, 4° 75, on the 29th. Prevailing winds of the month were northeast, northwest and southwest. Total precipitation, 2.25 inches. Total snowfall during month, 8.75 inches.

**DEKALB COUNTY**—ROSWELL DOW, Observer, Sycamore. Highest temperature, 30° on the 18th and 25th; lowest, 7°, on the 29th. Highest daily mean temperature, 34° 75, on the 18th, and lowest daily mean, -2° 85, on the 28th. Monthly mean, 21° 95. There were 2 clear, 6 fair and 21 cloudy days. Trees were loaded with ice from the 5th to the 17th inclusive. Frost every day except 17th and 18th. Winds for the month were: north, 6 times; northeast, 17; east, 8; southeast, 14; south, 6; southwest, 9; west, 13, and northwest, 14 times.

**COOK COUNTY**—W. NORRINGTON, Sergeant Signal Corps, U. S. A., Chicago. Highest barometer, 30.508, on the 15th; lowest, 29.452, on the 19th. Highest temperature, 53°, on the 19th, and lowest, 2° 8 on the 29th. Greatest daily range of temperature, 34° 5, on the 19th; least daily range, 6° 2, on the 6th. Highest daily mean, 40° 5, on the 18th, and lowest daily mean, 2° 9, on the 28th. Mean temperature of the month, 27° 7, is 1° 1 above the February average of the last 13 years. Prevailing wind for the month was northwest. Highest velocity, 26 miles per hour, west, on the 19th. The precipitation for the month, 3.27 inches, is 1.21 inches greater than the February mean for 13 years past. February, 1876 and 1883,

only were wetter. There were 4 clear, 11 fair and 14 cloudy days. Two inches snow on ground at end of month.

**KANE COUNTY**—M. M. ROBBINS, Observer, Aurora. Frosts on 2d, 3d and 15th. Highest barometer, 30.40, on the 10th; lowest, 29.41, on the 19th. Highest temperature, 44°, and lowest, -6°, on the 29th. Highest daily mean temperature, 35°, on the 18th and 19th; lowest daily mean, 1° on the 28th. Prevailing wind, northeast. Total snowfall during month, 7.7 inches. Two inches of snow on ground at close of month.

**LEE COUNTY**—MATTHIAS SCHICK, Observer, Prairieville. Thunderstorm on the 19th. White frost on the 2d and 15th. Solar halos, February 21, 22, 23, 25, 26 and 28. Highest barometer, 30.190, 7 A. M., on the 10th; lowest, 29.360, at 7 A. M., on the 19th. Highest temperature, 41°, at 2 P. M., on the 17th, and lowest, 4°, at 7 A. M., on the 14th. Highest daily mean temperature, 37° 3, on the 17th, and lowest daily mean, 1° 2, on the 28th. Greatest daily range, on the 19th; the thermometer stood at 40°, at noon, and at 9 o'clock P. M., at 7°, making a fall of 33° in 9 hours. More or less fog on 14 days. Total rainfall and melted snow during month, 2.75 inches. 7.5 inches snow fell in February; 12 inches snow on ground at end of month. Prevailing wind, west. Greatest velocity of wind, 39 miles per hour, west, on the evening of the 19th. Total movement for the month, 3480 miles.

**ROCK ISLAND COUNTY**—D. W. FLAGLER, Observer, Rock Island Arsenal. Highest temperature, 43°, on the 1st. Lowest, -5°, on the 13th. Highest daily mean temperature, 36°, on the 18th, and lowest daily mean, 1° 6, on the 28th. Rainfall and melted snow for the month, 0.54 inches.

**WARREN COUNTY**—SMITH & DUNBAR, Observers, Monmouth. Thunderstorm at 5 A. M. on the 19th. Heavy sleet on the 12th. Snowfall on the 8th, 10th, 13th, 14th, 16th, 24th, 27th, 28th and 29th; one inch on the ground at the close of the month. Highest daily mean barometer, 29.770, on the 9th, and lowest daily mean, 29.120, on the 18th. Highest temperature, 44°, on the 2d, and lowest temperature, 0°, at 7 A. M. on the 14th. Highest daily mean temperature, 37°, on the 17th, and lowest daily mean, 3°, on the 28th.

**PEORIA COUNTY**—FRED BRENDEN, Observer, Peoria. Frost every day, except February 4, 8, 17 and 18. Highest barometer, 30.072, on the 9th; lowest, 29.129, on the 19th. Highest temperature, 49°, on the 25th; lowest, 5°, on the 14th. Highest daily mean temperature, 39° 8, on the 18th, and lowest daily mean temperature, 8° 2, on the 28th. Prevailing wind, west; maximum velocity, 4. Total rainfall, or melted snow, 3.18 inches.

**LOGAN COUNTY**—R. W. BURT, Observer, Atlanta. Highest temperature, 50°, on the 2d and 25th; lowest, 0°, on the 29th. Highest



daily mean temperature, 42°, on the 18th; lowest daily mean temperature, 8°, on the 28th. Total rainfall, or melted snow, 2.85 inches. Snow on ground at end of month, 1 inch. Number of days on which cloudiness averaged eight-tenths or more, 18.

**SANGAMON COUNTY**—T. B. JENNINGS, Sergeant Signal Corps, U. S. A., Springfield. Highest barometer, 30.495, on the 15th; lowest, 29.521, on the 19th. Highest daily mean, 30.421; lowest daily mean, 29.775. Highest temperature, 55°, on the 2d; lowest, 5° 06, on the 14th. Highest daily mean, 43° 9, on the 4th; lowest daily mean, 10° 3, on the 28th. Mean temperature of the month, 32° 1, is 1° 9 above the February average of the past 5 years. Mean temperature of the winter (December, January and February) 28° 9, is 3° 95 below the average of the past 5 winters; the winter of 1880-'81 only was colder. Prevailing direction of wind, northwest. Highest velocity, 34 miles per hour, northwest, on the 19th. Total movement during the month, 7,403 miles. There were 2 foggy, 4 clear, 10 fair and 13 cloudy days. Solar halo on the 26th. Total precipitation for month, 4.24 inches.

**PIKE COUNTY**—A. MONROE, Observer Griggsville. Thunderstorms on the 4th and 19th. Blizzard on the 19th, in which the temperature fell 26° in two hours. Brilliant sunrise on the 20th, and brilliant sunsets on the 19th and 21st. Highest barometer, 30.580, on the 10th; lowest, 29.660, on the 19th. Highest temperature, 50°, on the 2d and 25th; lowest, 0°, at 7 A. M. on the 14th and 28th. Highest daily mean temperature, 39°, on the 18th, and lowest daily mean, 5°, on the 28th. Total rainfall, 3.78 inches. Total snowfall, 1.25. Illinois river cleared of ice on the 22d, and the first boat passed up on the 25th.

**CHRISTIAN COUNTY**—J. K. EBERLE, Observer, Pana. Highest temperature, 56°, on the 26th; lowest, 0°, on the 14th. Prevailing winds, southeast and northwest. Winds followed by rain, SE. Four inches rain or melted snow fell during month. Total snowfall, 3.25 inches. A goldfinch was seen on the 14th, and blue birds on the 19th.

**COLES COUNTY**—WM. DOZIER, Observer, Mattoon. Thunderstorm on the 19th. Hail on the 19th. Highest temperature, 62°, on the 2d; lowest, 2°, on the 14th. Highest daily mean temperature, 55°, on the 4th; lowest daily mean, 11°, on the 28th. 2.9 inches of snow fell during the month. Winds: north 9 times, northeast 2, east 4, southeast 14, south 6, southwest 4, west 8, and northwest 15 times. Calm at 25 observations. The average temperature for the last five Februaries was 32°. Average rainfall for same time, 6.65 inches. Average snowfall, 3.69 inches.

**CRAWFORD COUNTY**—JNO. E. TEMPLETON, Observer, Palestine. Thunderstorm on the 12th. Distant thunder A. M. in the southwest on the 4th and 5th. Frost on the 27th. Highest temperature, 66°, on the 12th; lowest, 7° 5, at 7 A. M. on the 29th. Highest daily mean temperature, 53° 37, on the 4th, and lowest daily mean, 13° 5, on the 28th. Total rainfall for the month, 4.40 inches. Prevailing wind, south. Wild geese flying back and forth from the 12th to the 26th, when they went south.

**BOND COUNTY**—JNO. B. WHITE, Observer, Greenville. Thunderstorms on the 4th and 19th. The thunderstorm of the 19th at 2 P. M. changed to a "blizzard" from the

northwest. Highest temperature, 62°, on the 3d; lowest, -1° 1, at 7 A. M. on the 14th. Highest daily mean temperature, 52° 5, on the 4th; and lowest daily mean, 10°, on the 14th. Prevailing wind, west. Of 87 observations, the wind was north 2 times, northeast 10, east 8, southeast 17, south 5, southwest 2, west 32, and northwest 11 times.

**ST. CLAIR COUNTY**—GEO. LEIBROCK, Observer, Mascoutah. Thunderstorm on the 4th. Highest temperature, 60°; lowest, 2°. Total rainfall or melted snow, 6.7 inches. Total snowfall during month, 3.5 inches.

**MARION COUNTY**—J. L. HALLAM, Observer, Centralia. Thunderstorms on the 12th and 19th. Frost every day except February 3, 4, 5, 18. Highest temperature, 56° on the 3d and 25th; lowest, 2°, on the 14th. Highest daily mean temperature, 55° 1, on the 4th, and lowest daily mean, 10° 2, on the 28th. Prevailing winds, NE. and NW. Total rainfall or melted snow, 4.42 inches. Total snowfall during month, 1.85 inches.

**PERRY COUNTY**—J. C. ELLIOTT, Observer, Swanwick. Thunderstorms February 4, 5, 12 and 19. Frosts on the 1st and 26th. Solar halos, 18th, 20th and 26th. Lunar halo on the 9th. Highest temperature, 63°, on the 3d; lowest, 2°, on the 14th. The mean temperature, 33° 9, is 2° above that of February, 1883, and 10° 3 below that of February, 1882. Total precipitation for the month is 6.18 inches, being 0.48 inch less than that of February, 1883, and 0.99 inch less than that of February, 1882. Great flocks of ducks and some geese were flying north on the 5th. Frogs were piping on the 25th.

**HAMILTON COUNTY**—WM. P. GIBBS, Observer, McLeansboro. Thunderstorms on 4th, 5th and 19th. Solar halos on 26th and 29th. Highest temperature, 68°, on the 12th; lowest, 0°, on the 29th. Highest daily mean temperature, 59°, on the 4th, and lowest daily mean, 12° 5, on the 28th and 29th. Prevailing wind, NW; winds followed by rain, SW; by clear or fair weather, NW. Total precipitation, 3.87 inches. Rain or snow fell almost every day this month, the most trying weather of the winter.

**UNION COUNTY**—JNO. D. NEWBIGIN, Observer, Anna. Highest barometer, 30.530; lowest, 29.470. Highest temperature, 68°; lowest, 6°. Prevailing wind, NW. Total precipitation, 5.38 inches. Thunderstorms on the 5th and 19th, the latter accompanied by hail. Large lunar halo at 7 P. M. on the 4th. The mean temperature of the past month, 38° 7, is 0° 55 below the February average of the previous 9 years; and the rainfall, 5.38 inches, is 0.99 inch above the average for the same time. Winds followed by rain, S and NE; by clear or fair weather, NW.

**POPE COUNTY**—J. E. Y. HANNA, Observer, Golconda. Thunderstorms on the 5th, 12th and 19th. Hail on the 12th and 19th. That of the 12th commenced with a violent gale from the west; it lasted only about half a minute, but prostrated trees, scattered fences and unroofed houses. At 9 P. M. a strong scent, described as that of burning feathers, was reported at several localities. On the 19th there was a gale from the west at 3 P. M. (duration 5 minutes) and a fall in temperature of 16° in 30 minutes. Highest temperature of the month, 69°, on the 4th; lowest, 8°, on the 29th. Total precipitation of the month, 6.61 inches. The Ohio river commenced rising on the 1st, and rose steadily until the 23d, at which

time it was 20 inches above the rise of 1883 at this point, and the highest known in the memory of the "oldest inhabitant." Wild geese passing and frogs croaking on the 4th.

ALEXANDER COUNTY—W. H. RAY, Sergeant Signal Corps, U. S. A., Cairo. Highest barometer, 30.516, on the 15th; lowest, 29.525, on the 19th. Highest temperature, 69°, on the 4th; lowest, 12°, on the 14th. Prevailing direction of wind, south and north. Highest velocity, 42 miles per hour, from the northwest, on the 19th. Total movement for month, 6,946 miles. There were 6 clear, 10 fair and 13 cloudy days. Precipi-

tation for month, 5.28 inches. Solar halo on the 18th. Lunar halos on the 2d and 4th. Frost February 1, 21, 25 and 26. Tornado on the 19th, with a velocity of wind of 60 miles per hour for five minutes, then subsided to 40 miles per hour, and blew at that rate for two hours, and for the two hours following blew at the rate of 30 miles per hour. Great damage reported in the immediate vicinity. On February 21, 22, 23 and 24 the Ohio river stood at 51 feet 10 inches, which was  $\frac{1}{2}$ -inch below high water of 1882, and 4 inches less than that of 1883. At Mound City, seven miles above Cairo, the high water exceeded that of 1882 and 1883.



*Distribution and amount of precipitation for March, 1884, reported to the Illinois Department of Agriculture, by Volunteer and Signal Service Observers.*

RAINFALL OR MELTED SNOW, IN INCHES AND HUNDRETHS, ON DAYS IT OCCURRED.																																			
STATIONS.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total		
NORTHERN DIVISION.																																			
County, Postoffice.																																			
	McHenry	.07	.13			.02	.27	.15	.05		.35					.03	.27	.10				.03					.55	.16					.15	1.51	
	Ogle	.20	.20					.10	.05			.35							.27	.05	.02	.15					.85	.07					.21		
	Dekalb	.10	.10					.12	.08		.01	.04	.01				.46	.25		.20	.06	.29	.07	.08	.01		.70	.29					.11	5.16	
	Cook	.14	.03					.12	.08								.03	.25	.13			.50	.12	.02			1.02	.50					.08	2.30	
	Aurora	.05	.13					.13	.09								.12	.15				.12	.12				.75	.12					.23		
	Lee	.10	.15			.18		.09								.05	.16							.31	.45								1.35		
	Rock Isl'nd	.18	.12					.08												.14		.66					.71	.12					.30		
	Warren	.18	.12			.05		.08											.15	.10	.13	.05			.42	.30		.05	.11				.21		
	Peoria	.10						.16																										.27	
CENTRAL DIVISION.																																			
	Logan		.02			.04	.02											.50				.15	.04			1.04	.84						2.80		
	Atlanta	.15	.08					.12									.04	.06					.10			1.25							1.85		
	Menard	.44	.15			.08		.53	.15	.02							.24	.59	.19	.01		.09			.02	.99	.10						3.70		
	Sangamon	.17	.01			.01		.14	.01								.45	.37	.03							.56	.50		.19				.92		
	Pike	.30	.20			.10		.30	.10								.25	.25															1.50		
	Christian	.22	.06			.25		.09	.06		.12						.30	.33	.20	.06		.07			.01			.80	.18				2.75		
	Coles																																		
SOUTHERN DIVISION.																																			
	Crawford	.05	.07			.02		.02	.03	.05		.70					.20		.12				.03				.10	.40					1.79		
	St. Clair	.25						.30			.30	.80					.60	.30	1.50				.60		.20	.10						.50	5.60		
	Marion	.20	.04			.36		.18			.34	.30					.68	.29				.30				.55							2.10		
	Hamilton	.16				.46		.26	.12			.34					.38	.47				.10				.31		.05					2.55		
	Union	.16				.46		.26	.12		1.14						.38	.47				.40				.43			.14			.09	4.05		
	Anna	.16				.82		.34			.82						.18	.08	.12			.45				.35			.14			4.04			
	Pope	.03	.01			.19		.26	.02		.24						.30	.17	.15			.24	.03	.01	.81							.02	4.20		
	Alexander																																		

STATIONS.	BAROMETER.			THERMOMETER.			HU- MID- ITY.	WIND.		RAIN.			Depth of snow, in inches, on ground at close of month.....	Total snowfall, in inches, during the month.....
	Inch.	Inch.	Inch.	Deg.	Deg.	Deg.	Per cent.	Direction.	Mill's	Inch.	No.	No.	Inch.	Inch.
	Highest barometer dur- month.....	Lowest.....	Mean.....		Highest temperature.....	Lowest.....	Mean.....	Prevailing.....		Total rainfall or melted snow.....	No. of days on which 0.01 or more rain or melted snow fell.....	No. days on which cloud- iness averaged 8 or more on a scale of ten.....		
NORTHERN DIVISION.														
McHenry.....	29.780	28.710	29.430	68.00	68.00	-0.05	31.45	NE	5	1.51	12	14	.....	5.00
Postoffice, Marengo.....	30.023	28.917	29.627	67.00	67.00	0.00	38.27	NE	5	2.17	10	14	.....	6.00
Average.....	30.174	29.086	29.785	65.17	65.17	-3.79	32.72	NE	4	3.41	11	11	.....	3.50
CENTRAL DIVISION.														
Menard.....	421.30	670.29	170.29	500	66.00	2.00	34.00	SE	3	1.85	1	18	.....	.....
Sangamon.....	640.30	441.29	436.30	058	66.50	7.00	40.00	S	5	3.70	19	10	.....	.....
Logan.....	625.30	600.29	550.30	120	70.00	2.00	37.37	NE	4	3.36	10	16	.....	7.00
Pike.....	625.30	600.29	550.30	120	66.00	-4.00	37.50	SW	4	3.36	12	16	.....	6.15
Christian.....	625.30	600.29	550.30	120	62.00	2.00	32.00	SE	5	1.50	7	19	.....	10.00
Coles.....	728.....	.....	.....	.....	70.00	-3.00	41.00	N	.....	2.75	9	15	.....	7.15
Average.....	30.570	29.385	29.886	66.75	66.75	1.00	36.98	SE	4	2.64	10	16	.....	7.57





## REMARKS FOR MARCH.

**McHENRY COUNTY**—JOHN W. JAMES, Observer, Marengo. Frost every day except March 18, 22, 23, 25, 26, 28, 29, 31. Aurora on the 20th. Solar halos on the 21st and 24th. Lunar halos on the 4th and 5th. Polar bands on the 10th and 16th. The mean temperature of March 1884 has been  $0^{\circ}.7$  lower than the mean of 23 Marches past; March 1878 was the warmest,  $42^{\circ}.1$ , and 1877 the coldest,  $22^{\circ}.2$ . Only once before in March (in 1868), has the thermometer taken a wider range. Total precipitation was 1.16 inches less than the mean amount of 23 Marches past; only March '67, '75, '79, '80 and '83 were drier. March 1881 was the wettest, 6.48 inches, and 1883 the driest, 0.89 inches. There were 7 clear, 8 fair and 14 cloudy days. Winds for the month were as follows: North, 14 times; northeast, 25; east, 7; southeast, 4; south, 11; southwest, 11; west, 10 and northwest 9 times; calm, 2 times. The first wild geese were seen on the 12th. Robins came on the 13th, and the plow was started on the 28th.

**OGLE COUNTY**—A. B. SWENEY, Observer, Polo. Brilliant aurora on the 28th. Solar halo on the 6th and lunar halo on the 5th. Highest temperature,  $65^{\circ}$ , on the 27th, and lowest,  $-7^{\circ}$ , on the 4th. Highest daily mean,  $52^{\circ}.25$ , and lowest daily mean  $6^{\circ}.25$ . Mean temperature at 7 A. M.,  $22^{\circ}.93$ ; at 1 P. M.,  $37^{\circ}.90$ ; at 9 P. M.,  $28^{\circ}.58$ . There were 13 cloudy, 11 fair and 7 clear days. The winds for the month were north, 3 times; northeast, 11; southeast, 2; south, 3; southwest 5; west, 2; and northwest 6 times.

**DEKALB COUNTY**—ROSWELL DOW, Observer, Sycamore. Frosts every day except March 19, 22, 23, 25, 26, 28 and 31. Aurora on the 1st. The thunderstorm on the 28th was the first since November 26, 1883, a little over four months. Lightning was seen in the distant southwest on the evening of the 27th. Rain or snow enough to measure fell on eleven days, and in smaller quantities on three other days. Total precipitation for the month was 2.02 inches; total snowfall, 3.50 inches. There were 8 clear, 7 fair and 16 cloudy days. Highest temperature,  $63^{\circ}$ , on the 27th; lowest,  $-7^{\circ}$ , on the 4th. Highest daily mean,  $51^{\circ}.5$ , on the 27th; lowest daily mean,  $5^{\circ}.15$ , on the 3d. The wind was north 13 times; northeast, 23; east, 12; southeast, 10; south, 7; southwest, 8; west, 11; northwest, 5, and calm 4 times. Bluebirds, robins and wild geese were seen on the 20th.

**COOK COUNTY**—W. NORRINGTON, Sergeant Signal Corps, U. S. A., Chicago. Highest barometer, 30.479, on the 30th; lowest, 29.382, on the 25th; range for the month, 1.097. Highest temperature,  $59^{\circ}.2$ , on the 27th, and lowest,  $-0.9$ , on the 4th. Greatest daily range of temperature,  $26^{\circ}.2$ , on the 11th; least daily range,  $4^{\circ}.5$ , on the 19th. Mean of maximum temperatures,  $41^{\circ}.1$ ; mean of minimum temperatures,  $27^{\circ}.3$ . Monthly precipitation, 5.16 inches, is 2.34 inches above the March average of the last 13 years; March, 1877, only was wetter, 5.37

inches. Highest velocity of the wind was 28 miles per hour, from the southwest, on the 11th. Total movement for the month, 6,168 miles. There were 4 clear, 11 fair and 16 cloudy days. Rain or snow fell on 18 days.

**KANE COUNTY**—M. M. ROBBINS, Observer, Aurora. Thunderstorms on the 22d and 25th. Frosts on the 15th, 21st and 27th. Lunar halos on 4th and 15th. Fogs on 18th, 19th, 20th and 21st. Highest temperature,  $66^{\circ}$ , on the 27th; lowest,  $-2^{\circ}$ , on the 4th. Highest barometer, 30.360, on the 30th; lowest, 29.320, on the 11th. Barometer lower than it has been before in a period of 5 years. Farmers commenced plowing on sod on the 24th. Noticed lilac and cherry buds beginning to enlarge on the 25th.

**LEE COUNTY**—M. SCHICK, Observer, Prairieville. White frosts on the 3d, 9th and 21st. Solar halos March 2, 3, 9, 11, 12 and 21, and lunar halo on the 4th. Highest temperature for the month,  $66^{\circ}$ , at 2 P. M. on the 27th; lowest,  $2^{\circ}$ , at 7 A. M. on the 3d. Highest daily mean  $57^{\circ}$ , and lowest  $4^{\circ}.1$ . Range for the month,  $68^{\circ}$ ; mean for the month,  $33^{\circ}.8$ . Highest barometer, 30.230; lowest, 29.100. Range, 1.130 inches. Mean for the month, 29.824. Precipitation for the month, rain and melted snow, 2.03 inches. Total snowfall during month, 4.75 inches. Prevailing winds were east and north. Maximum velocity, 24 miles per hour, at 9 P. M., from the west, on the 11th. Total movement of the wind for the month, 4,856 miles. There has been 14 cloudy days, and no entirely clear day in the month. Rock River opened on the 13th.

**ROCK ISLAND COUNTY**—D. W. FLAGLER, Observer, Rock Island. Highest temperature of the month,  $63^{\circ}$ , on the 27th; lowest,  $-5^{\circ}$ , on the 3d. Range,  $73^{\circ}$ . Highest daily mean temperature,  $56^{\circ}$ , on the 27th; lowest daily mean,  $1^{\circ}.3$ , on the 3d. Precipitation for the month, 1.35 inches. Rain or snow fell on 7 days.

**WARREN COUNTY**—SMITH & DUNBAR, Observers, Monmouth. Thunderstorms on the 22d and 25th. Lightning in the south during the evening of the 24th. Highest daily mean barometer, 29.690, on the 3d; and lowest, 28.950, on the 11th. Highest daily mean temperature,  $55^{\circ}$ , on the 27th and 31st, and lowest,  $5^{\circ}$ , on the 3d. Snow fell on March 1, 2 and 5. There were 7 clear, 11 fair and 13 cloudy days.

**PEORIA COUNTY**—FRED. BRENDAL, Observer, Peoria. Thunderstorms on the 24th and 27th. Frosts March 1, 12, 14, 15 and 30. Highest barometer,  $30^{\circ}.023$ , on the 30th; lowest, 28.917, on the 11th. Highest daily mean barometer, 29.935, on the 30th; and lowest daily mean, 29.124, on the 11th. Highest temperature,  $67^{\circ}$ , on the 27th; lowest,  $0^{\circ}$ , on the 4th. Prevailing wind for the month, east. Total precipitation for the month, 2.17 inches. Soft maple in blossom March 30.



**MENARD COUNTY**—JAS. D. WHITLEY, Observer, Petersburg. Lunar halos on the 5th and 6th. Highest barometer, 30.720, on the 4th; lowest 29.170 on the 2d. Highest daily mean barometer 30.603, on the 9th, and lowest daily mean 29.453, on the 28th. Highest thermometer, 66° on the 27th, and lowest, 2° on the 3d. Highest daily mean temperature 53° 5, on the 31st, and lowest daily mean 8°, on the 3d. Prevailing wind of the month, southeast; maximum velocity 3. Total precipitation, 1.85 inches. Of 93 observations of the weather, 32 were clear, 5 fair and 56 cloudy.

**LOGAN COUNTY**—R. W. BURT, Observer, Atlanta. Highest temperature of the month, 70° on the 27th; lowest, -1° on the 4th. Highest daily mean, 55°, on the 27th, and lowest, 7°, on the 3d. Prevailing wind, northeast. Total precipitation, 2.80 inches. Thunder storm on the 22d.

**SANGAMON COUNTY**—T. B. JENNINGS, Sergeant Signal Corps, U. S. A., Springfield. Thunder storms on 25th, 28th and 31st. Frosts, March 4, 6, 13, 14, 15, 27 and 30. Highest daily mean barometer 30.344, on the 9th, and lowest daily mean 29.606, on the 28th. Highest daily mean temperature, 55° 3, on the 27th, and lowest daily mean, 13° 9, on the 3d. Mean temperature of the month, 40°; is only 0° 02 below the March average of the last 5 years, and is 1° 7 above the mean of March, 1883. The precipitation, 3.24 inches, is 0.03 of an inch below the March mean for the same time. Highest velocity of wind, 33 miles per hour, and the total movement for the month, 7,904 miles.

**PIKE COUNTY**—A. MONROE, Observer, Griggsville. Thunder storms on the 27th and 31st. Solar halo on the 23d. Highest daily mean barometer, 30.440 on the 9th; lowest 29.680, on the 28th. Highest daily mean temperature, 55°, on the 27th; lowest, 6°, on the 3d. Of the 93 observations, the winds were from the north, 6 times; northeast, 22; east, 10; southeast, 5; south, 8; southwest, 20; west, 7, and northwest, 15 times. Of 93 observations of the weather, clear 32 times, fair 11, hazy 2, foggy 3, cloudy 38, raining 3 and snowing 4 times.

**CHRISTIAN COUNTY**—J. K. EBERLE, Observer, Pana. Thunderstorms March 11, 24, 25 and 27. Frosts March 14 and 30. Highest temperature, 62° on the 11th; lowest, 3° on the 3d. Prevailing winds from the southeast and northwest. Total precipitation, 1.50 inches. Ten inches of snow fell during the month. Robins singing on the 14th, and frogs croaking on the 19th. Buds on maple trees beginning to swell on the 19th.

**COLES COUNTY**—WM. DOZIER, Observer, Mattoon. Thunderstorm on the 25th and 28th. Hail on the 25th. Highest temperature, 70° on the 27th; lowest, -3° on the 3d. The mean temperature, 41°, is 2° 8 above the March average of the past 5 years, and the precipitation, 2.75 inches, is 0.97 inches less than the average for the same time. Of 93 observations of the wind they were from the north 19 times; NE, 5; E, 5; SE, 16; S, 12; SW, 2; W, 11; NW, 5, and calm, 18 times.

**CRAWFORD COUNTY**—J. E. TEMPLETON, Observer, Palestine. Thunderstorms on the 11th, 25th and 28th. Hail on the 25th. Diffuse lightning in the west on the 24th, at 8:30 P. M. Frosts March 12, 13, 14, 15, 16 and 30. Highest temperature, 71° on the 28th;

lowest, 4° on the 4th. Highest daily mean temperature, 60° 7 on the 28th; and lowest daily mean, 16° 5 on the 3d. Prevailing wind, south. Total precipitation, 1.79 inches. Wild geese went south on the 14th and north on the 20th and 21st. Blood root in bloom on the 30th.

**ST. CLAIR COUNTY**—G. LEIBROCK, Observer, Mascoutah. Thunderstorms March 11, 24, 28 and 31. Highest temperature, 66°; lowest, 6°. Rain fell on the 11th, 17th, 18th, 22d, 24th, 25th, 28th and 31st, and snow on the 1st, 6th, 7th and 9th. Total rainfall 5.6 inches.

**MARION COUNTY**—J. L. HALLAM, Observer, Centralia. Thunderstorms on the 11th and 25th. Frosts March 1 to 17, and 30. Highest temperature, 70° on the 28th; lowest, 2° on the 4th. Highest daily mean temperature, 59° 5 on the 24th, and lowest daily mean, 14° 5 on the 3d. Of 93 observations of the weather, clear 31 times, fair 9, and cloudy 51 times.

**HAMILTON COUNTY**—WM. P. GIBBS, Observer, McLeansboro. Thunderstorms March 11; 24 and 25. Frosts on the 15th and 3d. Solar halo on the 16th. Highest temperature, 75°, on the 25th; lowest, 7°, on the 3d. Highest daily mean temperature 63°, on the 25th, and lowest, 15° 5, on the 3d. Rainfall for the month, 2.55 inches, is 0.76 inches less than for March, 1883. Winds followed by rain, south and southwest; by clear or fair weather, northwest. Very little sign of spring this month. The first ten days of the month was the most trying weather of the winter, while the mean temperature was about 19° below the corresponding time for March, 1883.

**UNION COUNTY**—J. D. NEWBIGIN, Observer, Anna. Thunderstorms on the 11th and 25th. Hail, March 6, 7 and 11. Lunar halo on the 15th. Forked lightning on the 25th, and diffuse lightning on the 27th. Brilliant parhelion was observed at 5 P. M. on the 3d. Highest barometer, 30.450; lowest, 29.550. Highest temperature, 72°, and lowest 15°. The mean temperature of the month, 45° 72, is 0° 65 below the March average for the past 9 years, and the rainfall, 4.05 inches is .20 inches less for the same period. The first turtle dove was heard on the 23d, and the first butterfly seen on the 26th. Winds followed by rains, NE., SE., S. and SW.; by clear or fair weather, NW. and NE.

**POPE COUNTY**—J. E. Y. HANNA, Observer, Golconda. Thunderstorms on the 11th and 25th. Distant thunder was heard on the 5th, and distant lightning observed on the 24th and 28th. Light hail storm on the 11th. Frosts, March 1 to 10. Frost out of ground, 11th. Ohio river within banks on the 6th. Woodpeckers observed on the 9th, and frogs heard on the 11th. Highest temperature, 76°, on the 28th, and lowest, 14°, on the 3d. Highest daily mean temperature, 64° 5, on the 24th and 28th, lowest, 18° 75 on the 3d. Monthly precipitation, 4.04 inches, 2.47 inches more than for March 1883. Winds followed by rain, SW., E., NE., S. and SE.; by clear or fair weather, NW. and W.

**ALEXANDER COUNTY**—WM. H. RAY, Sergeant Signal Corps, U. S. A., Observer, Cairo. Highest barometer, 30.462 on the 3d; lowest, 29.551, on the 1st. Highest temperature, 71°, on the 28th; lowest, 19°, on the 3d. Greatest daily range of temperature, 28°, on the 10th; least daily range, 4° 5, on the 6th. Mean temperature of the month,

47°.6, is 0°.3 above the March average for the last 13 years, 1874, 1878, 1879, 1880 and 1882 were warmer, and the precipitation, 4.20 inches, is 0.01 of an inch more than the March average for the same time. Prevailing wind was south. Highest velocity, 42 miles per hour, west, on the 25th. Winds of 25 miles per hour and over, occurred as follows: On the 1st, NW., 32 miles; 3d, north, 25; 10th, south, 28; 11th, south, 34; 25th, west, 42; 27th, south, 25; 28th, west, 37;

29th, NE., 28 miles per hour. Total movement for month, 7,583 miles. There were 8 clear, 10 fair and 13 cloudy days. Frost on the 15th. Solar halos March 13, 14, 15, 22, 23 and 27. Lunar halos March 9 and 12. Lightning and thunder occurred March 11, 22, 23, 24, 25, 27, 28 and 31. Tornado from the southwest, at Harrisburg, Saline county, on the afternoon of the 11th. Highest stage of water in the Ohio river during the month was 49 feet, 7 inches on the 1st.

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OFFICIAL REPORT  
OF THE  
STATE VETERINARIAN

TO THE  
GOVERNOR OF ILLINOIS

RELATIVE TO THE ALLEGED EXISTENCE OF FOOT AND MOUTH  
DISEASE IN EFFINGHAM COUNTY.

ALSO, REPORT OF  
F. W. PRENTICE, M. D.,  
Of Illinois Industrial University.

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# REPORT.

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CHICAGO, ILL., MARCH 19, 1884.

HON. JOHN M. HAMILTON, GOVERNOR OF ILLINOIS :

*Dear Sir*—In compliance with your Excellency's request that I visit Effingham county for the purpose of investigating into the nature of a certain malady among the cattle in said county, supposed to be contagious foot and mouth disease, I hereby have the honor to report as follows :

Having visited some of the farms on which the disease was of the most pronounced character, I have, after a careful investigation and inquiry, come to the conclusion that what has been so extensively reported to be the contagious foot and mouth disease of the bovine species, is not that disease at all, as it has no resemblance to that scourge such as I have seen in Europe.

The disease existing in the said county is a species of foot rot, the technical term of which is *Panaritium*, entirely of spontaneous origin, due to unknown atmospheric or telluric influences, combined with, or aggravated by, local causes, such as exposure to wet and filth, and to frost, besides poor and innutritious food, etc. The malady is of a sporadic and entirely non-contagious nature; and it has been found to affect only such animals as were in a condition below that of ordinary leanness, and of these, with very few exceptions, among yearlings and calves, or those under two years old. The disease can not be said to be due alone to local causes; for the affected herds have been kept in a manner similar to that in which the average farmer usually keeps his stock during the winter months, and in which the stock on unaffected farms in the same localities are now, and have been, kept during this winter. Then, again, some of the affected herds are owned by farmers who have taken pains to keep their animals on high and comparatively dry and clean ground, together with comfortable housing.

The malady is evidently of a purely sporadic nature; and, like certain other diseases among domestic animals, it may appear here and there over large extents of country, with long distances between the affected localities, as evidenced by its present existence in Effingham, Clay and Perry counties, Illinois; Louisa county, Iowa; Adair county, Missouri; and Woodson and other counties in Kansas; also in Pennsylvania and in Ohio;—the disease being in all instances the same one, with more or less variation in its intensity and its results. The malady, in all cases, has been of slow progress in its development and course, giving ample time and opportunity to checking it, by the adoption of proper medical applications; and that attention to cleanliness and timely treatment, which have been resorted to by some of the more enterprising owners of affected animals, has resulted in checking its course and restored the animals so far, with the best prospects of entire recovery and without mutilation or loss of functions of the affected parts or limbs, is sufficient evidence of the tractable and non-virulent nature of the malady.

By way of treatment, I have recommended the keeping of animals on dry ground, or floor, amply supplied with clean and dry straw bedding; change of keep, from exclusively dry, voluminous, coarse, unsound and innutritious food, to feeding with chaff or cut hay of the best quality, together with liberal admixture of grain, preferably so-called mill feed, with bran and ground oil cake (the latter of old process manufacture), and pure water in any quantity required by the fevered animals,—the water to be carried in pails to them, as compulsory exercise, or any exercise, only tends to aggravate the evil, by causing additional irritation and suffering.

The diseased parts should be kept scrupulously clean, by means of applications of water and sponging; and all decayed or detached horn, which only facilitates the harboring of diseased secretions or filth, should be carefully removed, preferably by clipping

with strong, sharp scissors, because attempts at cutting with a knife require some resistance which cannot be afforded by the diseased and intensely inflamed neighboring parts of the foot. Thereafter, a sufficiency of the following mixture should be thoroughly applied, twice or thrice daily, as the existing conditions may require in the several cases: Take one pint of Goulard's extract (*liquor plumbi subacetatis*), half a pint of crude carbolic acid, and six quarts of common fish oil (codliver oil in its crude state); mix these well together.

With a view of better retaining the effect of this application to the parts between the clays of the diseased limb, and at the same time as much as possible prevent the ingress of extraneous or effete matters from the ground, a pledget or lint, loose tow or oakum, soaked with the above mixture, should be inserted between the clays, and renewed after each cleansing and dressing. Besides its healing properties, the admixture of carbolic acid will also act as a disinfectant, which the animal thus carries with it wherever it moves. It is best not to use any bandaging.

In the beginning of the disease, or so soon as the animal is noticed to walk with upright or knuckling pasterns, and swelling appears above the clays, an ample poultice of ground flaxseed and bran, equal parts, should be applied so that it extends up to the fetlock joint; and this should be renewed morning and evening during one or two days; whereafter the parts should be thoroughly cleansed; the soles and the interdigital space should be examined with a view of removing all decayed or detached horn, special care being taken not to cut into or wound the sensitive parts or start bleeding. It is also best, in the beginning of the disease, to give each animal a saline laxative, such as one pound of epsom salts, dissolved in a pint of hot water, adding to this solution one pint of molasses and one ounce of ground ginger. This constitutes one dose for an animal over eighteen months old; two-thirds of the same to yearlings, and half the quantity to half-year old ones. One to two drachms, or one to two tablespoonfuls, of powdered saltpetre, may be dissolved in each bucket of cold drinking water. In conclusion, I would suggest that all such animals should be destroyed that have suffered from the effects of the disease to such an extent that both digits and one or more of the joints above the same have been lost.

I would, in this connection, also call the attention of your excellency to the fact that the disease under consideration has, by shameful neglect and downright laziness on the part of the owner, Thomas E. Keating, on his farm, about six miles from Effingham, been allowed to progress to such an extent that there were, on the day of my visit (March 16), eighteen animals—calves and yearlings—in the most pitiable and neglected condition, no treatment whatever having been resorted to until the day before, although, on the said premises, the disease is said to have made its first appearance as far back as the beginning of January, during which time eight young animals have died from sheer neglect. Some of these poor, emaciated and suffering animals are reposing in their own filth and wet, unable to move away from it; with nothing to eat but the poorest of badly-made, over-ripe hay, and a mere handful of dry oats, which only those who are able to walk at all are so eager at devouring, as if they had never seen the like before. Several of these poor beasts have lost both hind feet and one fore foot; some of them, one or both of the hind feet or a fore foot, and are compelled to move about on the stump of the limbs, yet inflamed, swollen and sore, no joint remaining below the hock joint. I was informed that the owner did not destroy these utterly worthless animals, because he expected that some State official would come and order them destroyed, and pay him for them. Undoubtedly, this is one instance where the cause of humanity should be asserted; and I hereby recommend that the said Thomas E. Keating be subjected to the prompt and immediate action of the ILLINOIS HUMANE SOCIETY.

Very respectfully,

Your obedient servant,

N. H. PAAREN, M. D., *State Veterinarian.*

P. S.—I herewith enclose a copy of my Circular No. 1, which contains a concise description of the symptoms of true contagious foot and mouth disease of the bovine species.

P.



## REPORT.

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*To his Excellency, JOHN M. HAMILTON, Governor of Illinois:*

SIR: I have the honor to report, according to instructions received from you March 16th, 1884, I at once proceeded to Effingham county, Illinois, and made a careful examination of some of the cattle said to be affected with Eczema Epizootica, usually known as Foot and Mouth disease.

From my experience in England, having seen hundreds of cases during a residence of a number of years in that country, can positively assert that the malady attacking the cattle in Effingham and surrounding counties is not the much dreaded Foot and Mouth disease, as reported.

I took special pains to get the history of the outbreak, how it commenced, its duration, probable cause, and the conditions that brought it about. From what I could gather in so short a time, it appears that some of the animals became lame during the freezing and thawing weather of January last, since which they have been more or less affected.

Regarding the nature of the trouble, it is what is called in veterinary science, Onychia, of a severe type, commonly called by farmers Foul in the Foot.

As to the question whether contagious or otherwise, will say that it does not seem to be, as sheep, pigs and goats put into the same pastures and feed-lots do not contract the disease. Further, cows kept all the time in an adjoining pasture, and separated by a board or low rail fence, being constantly visited and fed by the same attendant, walking freely about from lot to lot, do not contract it.

Now, if contagious, would not that be one of the best ways of communicating the malady?

Am of the opinion that proper care, hygienic surroundings and early treatment would stop its progress and soon cause its disappearance.

Respectfully submitted,

F. W. PRENTICE, M. D.,  
*Professor Veterinary Science, Illinois.*

INDUSTRIAL UNIVERSITY, CHAMPAIGN CO., ILL., MARCH 20, 1884.

## PLEURO-PNEUMONIA.

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*To his Excellency, GOVERNOR HAMILTON, Springfield, Ill.:*

SIR:—I have the honor to report as follows regarding the supposed outbreak of pleuro-pneumonia at Pleasant Hill, Pike county, Illinois:

Some time during the winter Mr. Perry Wells noticed that four of his steers did not do as well as they should.

From his description of the sick animals, it appears that they did not present any marked trouble with the lungs, but the digestive organs seemed to be implicated from the outset.

Two medical men, Drs. J. A. & J. S. Thomas, of Pleasant Hill, made post mortems of the steers, and reported to me as follows:

In two of the animals the lungs showed inflammation of the anterior part, the heart being also very much enlarged. Two of the steers had nothing whatever the matter with the lungs.

In every case the Rumen or paunch, second stomach or Reticulum, and third stomach Omasum or Manifolds, presented marked congestion, so much so that the lining mucous membrane was detached in places or so diseased that the slightest touch removed it in large patches. The intestines also presented the same appearance, but less marked than the stomachs. None of the animals had any cough during life.

Another gentleman in the neighborhood lost one animal with the same train of symptoms, and it presented the identical lesions as Mr. Wells' cattle.

On questioning Mr. Wells and Mr. Galloway, I learned that they had been feeding with damaged corn, and in my opinion the trouble was due to the kind of food, as every symptom points to the digestive organs and not to the lungs, as in two only of the animals was there any appearance of disease in that region; but in all five animals the alimentary canal presented effects which would necessarily arise from eating such frosted corn.

From all I could gather from other farmers, the stock in the vicinity of Pleasant Hill are as healthy as usual.

In conclusion, I can most emphatically say that the animals had not the slightest symptom of contagious pleuro-pneumonia.

Respectfully submitted,

F. W. PRENTICE, M. D.,

*Professor Veterinary Science, Illinois Industrial University.*

CIRCULAR NO. 110.

# ILLINOIS CROP PROSPECTS.

Consolidation of Reports returned to the Department of Agriculture  
May 1, 1884.

## SEASON.

The mean temperature of April, 1884, was below the average for a term of years, and the rainfall was less than usual for same months in the preceding two years.

The mean temperature of the past seven Aprils in the several divisions of the State is as follows:

Division.	1878	1879	1880	1881	1882	1883	1884
Northern.....	53.00	46.00	49.00	40.80	48.55	48.13	46.87
Central.....	58.00	51.00	52.00	45.20	53.44	53.18	51.04
Southern.....	60.00	55.00	57.00	53.30	53.55	57.40	53.31
Average.....	57.00	51.00	53.00	46.43	53.51	52.00	50.40

It will be seen in the foregoing table that the mean temperature of April, 1884, is lower than for any corresponding month since 1877, with the exception of April, 1881.

The average monthly rainfall, including melted snow, for the past seven Aprils, is as follows:

Division.	1878	1879	1880	1881	1882	1883	1884
Northern.....	3.72	2.13	4.29	1.81	4.55	3.26	2.37
Central.....	3.63	1.99	4.29	1.89	4.14	4.66	2.33
Southern.....	5.20	2.41	3.22	4.11	2.84	4.54	3.57
Average.....	4.18	2.18	3.93	2.60	3.84	4.17	2.89

The mean precipitation of the State has not been less than that of April, 1884, for the corresponding month during the past seven years but twice, viz: 1879 and in 1881.



## TEMPERATURE.

The following tables give the mean temperature of the State by divisions for the past seven years for the months of January, February, March and April.

## NORTHERN DIVISION.

The mean temperature in the Northern Division of the State, for the first four months of 1884 was 3.25 degrees warmer than the average for corresponding months during the past seven years. It will be seen in the following table that the mean temperature for the months named was warmer only in 1878, 1880 and 1882, during the past seven years.

Month	Mean temperature.						
	1878.	1879.	1880.	1881.	1882.	1883.	1884.
January .....	27.00	14.00	35.00	26.70	24.42	10.65	12.92
February .....	33.00	20.00	30.00	19.10	35.84	18.71	23.99
March .....	45.00	35.00	33.00	28.80	37.80	30.39	32.72
April .....	53.00	46.00	49.00	40.80	48.55	48.13	46.87
Mean .....	39.50	28.75	36.75	28.85	36.65	26.97	29.12

## CENTRAL DIVISION.

The mean temperature of the Central Division of the State, for the months of January, February, March, and April, during the past seven years, is given in the following table.

The temperature was warmer for the months named in 1878, 1880 and 1882, and colder in 1879, 1881 and 1883.

Month.	Mean temperature.						
	1878.	1879.	1880.	1881.	1882.	1883.	1884.
January .....	29.00	18.00	41.00	16.00	28.68	18.78	18.87
February .....	37.00	27.00	35.00	24.10	39.00	27.08	29.75
March .....	48.00	40.00	39.00	33.00	42.24	36.52	36.98
April .....	58.00	51.00	52.00	45.20	53.44	53.18	57.04
Mean .....	43.00	34.00	41.75	29.57	41.01	33.89	34.16

## SOUTHERN DIVISION.

The mean temperature of the Southern Division of the State, from 1878 to 1884, during the first four months of the years named was higher in 1878, 1879, 1880, 1882 and 1883 than in 1884, and lower in 1881.

Month.	Mean temperature.						
	1878.	1879.	1880.	1881.	1882.	1883.	1884.
January .....	36.00	29.00	48.00	23.60	33.81	26.38	23.48
February .....	37.00	35.00	41.00	31.30	43.67	34.52	36.75
March .....	53.00	46.00	43.00	41.30	48.76	41.08	44.98
April .....	60.00	55.00	57.00	53.30	58.55	57.40	53.31
Mean .....	46.50	41.25	47.25	37.37	46.20	39.84	39.63

## RAINFALL.

The distribution of the rainfall over the State during the past seven years for the months of January, February, March and April, is given in the following tables.

## NORTHERN DIVISION.

The average rainfall and melted snow at stations in the Northern division of the State for the months of January, February, March and April has not been as small as during the present year since 1879. The heaviest average monthly rainfall for the period named was 3.03 inches in 1880, and the smallest, 1.32 inches, in 1879.

Month.	Average Rainfall or Melted Snow at Stations.						
	1878.	1879.	1880.	1881.	1882.	1883.	1884.
January .....	0.40	0.70	3.36	1.49	1.33	1.92	1.00
February .....	1.11	1.35	2.05	4.76	1.83	4.41	2.36
March .....	2.44	1.10	2.44	3.96	3.81	0.69	3.41
April .....	3.72	2.13	4.29	1.81	4.55	3.26	2.77
Average .....	1.92	1.32	3.03	3.00	2.88	2.57	2.38

## CENTRAL DIVISION.

The average monthly rainfall for the first four months of the year during the past seven years has not been as small as in 1884 but once since 1877. The heaviest average monthly rainfall for the months named was 4.15 inches in 1882; the lowest average was 1.31 inches in 1879.

Month.	Average Rainfall or Melted Snow at Stations.						
	1878.	1879.	1880.	1881.	1882.	1883.	1884.
January .....	0.91	0.79	2.82	0.90	1.84	1.38	0.82
February .....	2.77	0.78	2.82	4.90	5.49	6.53	3.92
March .....	3.72	1.70	2.00	4.72	5.15	1.25	2.64
April .....	3.63	1.99	4.29	1.89	4.14	4.66	2.33
Average .....	2.76	1.31	3.11	4.13	4.15	3.45	2.43

## SOUTHERN DIVISION.

The average monthly rainfall in the Southern division of the State for the months of January, February, March and April for the years 1878 to 1884 inclusive, is given in the following table. It will be seen that the rainfall was less in 1884 than for the same months in 1882 and 1883:

Month.	Average Rainfall or Melted Snow at Stations.						
	1878.	1879.	1880.	1881.	1882.	1883.	1884.
January .....	3.08	3.30	3.80	1.56	4.55	2.05	1.77
February .....	2.75	2.66	3.31	4.33	7.61	8.23	5.78
March .....	2.00	2.10	3.83	2.58	4.66	2.85	3.47
April .....	5.20	2.41	3.22	4.11	2.84	4.59	3.57
Average .....	3.26	2.62	3.55	3.14	4.91	4.43	3.65

## WINTER WHEAT.

The table on page 13 of this report gives the area and comparative condition of winter wheat in each county in the State.

The wheat is in much better condition in the northern division of the State, doubtless owing to the snow protection which covered the wheat during the extreme cold weather.

The area of wheat winter-killed is proportionately less in the northern counties than in the central or southern counties.

The per centage of the area of wheat winter-killed in the three divisions of the State is as follows: Northern division, 14 per cent.; central division, 20 per cent.; southern division, 27 per cent.

Winter wheat made some improvement during the past month in the northern and southern divisions of the State, and the condition is about as promising in the central division as on the first of April.

The condition of winter wheat the first of May, 1882, 1883 and 1884, was better in the northern counties than in the central and southern counties, and the prospects for winter wheat in the central counties, on the same dates, were better than in the southern counties.

The condition of winter wheat the first of the month gave encouragement for 94 per cent. of an average yield in the northern counties; 86 per cent. in the central counties, and 73 per cent. of an average yield in the southern counties.

In the southern division, where over half the winter wheat area of the State was seeded last fall, the condition is up to an average in only three counties, viz: Alexander, Monroe and Pulaski.

The most discouraging prospects for winter wheat in the southern division is reported in the following counties, where the condition, on May 1, indicated only 29 per cent. of an average yield per acre in the county of Clay; in Crawford, 35 per cent.; Jefferson, 33; Bond, 59; Jasper, 57; Richland, 52; Williamson, 56.

The poorest prospects for winter wheat in the central counties were as follows: The condition the first of the month gave encouragement for only 50 per cent. of an average yield per acre in Clark county, and 60 per cent. of an average yield in the counties of Champaign and Pike.

The only counties in the central division of the State where the condition May 1 gave encouragement for an average or better yield per acre are as follows: Hancock and Morgan counties, 107 per cent.; McDonough, 106; Tazewell, 105; Menard, 103; Cass, DeWitt, Logan and Mason, 102; Sangamon, 100 per cent.

## SPRING WHEAT.

This crop is grown to a very limited extent in this State, and the comparatively small returns resulting from its cultivation has had the effect of reducing the area of late years.

The area and condition of spring wheat is given by per centage on page 14 of this report for each county in which this crop is cultivated.

Nearly the entire area devoted to spring wheat is located in the northern division of the State.

The area of spring wheat is nearly as large in the northern division as last season, and the condition is up to an average in all except the following counties, where the prospects are as noted: Lake, Stark and Winnebago, 98 per cent.; Boone, Cook, Putnam and Woodford, 97; LaSalle, 95; Bureau and Knox, 90 per cent.



The area of spring wheat in the central counties as compared with 1883, is as follows: DeWitt, 87 per cent.; Fulton, 90; McDonough, 73; Menard and Sangamon, 100; Vermilion, 105. The condition is up to an average in the counties of Cumberland, Fulton, Menard and Sangamon; and in McDonough, 83 per cent.; in Vermilion, 120 per cent.

Spring wheat is reported in only two counties in the southern division of the State—the area is ten per cent. less than last season in Clinton county, and the same in Pulaski county—the condition is up to an average in Pulaski county.

## OLD WHEAT.

The following table gives the amount of old wheat in farmers' hands the first of May, during the past four years.

The amount of wheat on hand the first of May, 1884, is 2,487,454 bushels less than the average amount on hand during the past four years at corresponding date.

It will be seen in the following table that the surplus wheat produced in the state, after deducting a liberal amount for seed and consumption, has averaged during the past four years over twenty million bushels:

Year.	Crop in bushels.	Per cent. crop on hand following May 1.	Amount crop in producers' hands following May 1.	Surplus wheat above seed and consumption.
1880.....	56,508,309	*15	8,476,246	39,851,883
1881.....	22,374,163	13	2,924,639	5,765,414
1882.....	52,323,261	15	8,174,634	26,214,133
1883.....	20,347,592	15	3,208,358	4,579,152
Average.....	37,688,331	15	5,695,822	21,602,646

\*Estimated.

It will be seen in the foregoing table that about the same percentage of the good and bad crops are reported on hand the first of the succeeding May after the crops are harvested, which result is largely influenced by the financial condition of the producer. A large crop enables the farmer to dispose of sufficient wheat to meet his necessities and then hold a much larger quantity in reserve than in seasons of partial failure of crops.

## WINTER RYE.

The condition of winter rye, in all the counties in the State, is given on page 15 of this report for May 1, 1884, 1883, 1882, 1881 and 1880.

In the Northern division, where the greater part of the rye crop of the State is produced, the condition the first of the month gave encouragement for 107 per cent. of an average yield per acre. The condition of the crop has not been more promising at corresponding date since 1879, with the exception of 1882.

The condition of the rye in the Central division of the State gave encouragement for 95 per cent. of an average yield per acre.

The condition of rye in the Central counties during the preceding four years at corresponding dates has been as follows on the first of May, viz: 1883, 88 per cent.; 1882, 101 per cent.; 1881, 87 per cent.; 1880, 101 per cent.

Rye does not look as well in the Southern division of the State as in the Central and Northern counties. The condition of this crop the first of May for a term of years in the Southern counties is as follows: 1884, 85 per cent.; 1883, 78 per cent.; 1882, 99 per cent.; 1881, 85 per cent.; 1880, 105 per cent.

## OATS.

The late seeding of oats in all portions of the State exceeds the large crop harvested last season, which was the largest ever produced in the State.

In the Northern division the area is 7 per cent. larger than in 1883; in the Central division 1 per cent. larger, and in the Southern division two per cent. larger than last season.

The condition of oats the first of the month in the Northern counties gave encouragement for 98 per cent. of an average yield per acre. The prospects are favorable for 94 per cent. of an average yield per acre in the Central counties, and 96 per cent. of an average yield per acre in the Southern counties.

The prospects for a large crop of oats in the Northern and Southern divisions of the State have not been as good for several years at corresponding date.

The table on page 16 of this report gives the comparative acreage of the present crop, as well as the condition of the crop May 1, for a term of years.

## BARLEY.

This crop is receiving some attention in twenty-one counties, only three of which report an increased area over that of the previous years, as follows: DeKalb, 120 per cent.; McHenry, 105 per cent., and Winnebago, 102 per cent.

The area of barley is reported about the same as last season in the counties of Cook, Jackson, Jo Daviess, Lake, Lee, Monroe, Ogle, Pulaski, Stark, Tazewell, Whiteside and Winnebago.

The prospects are encouraging for an average yield per acre in the counties of Cook, Jo Daviess, Lake, Lee, McHenry, Monroe, Pulaski, Stark, Stephenson, Whiteside and Winnebago. The condition is nearly up to an average in the counties of Fulton, Jackson, Ogle, Tazewell, Union and Woodford. There will be over three-fourths of an average yield per acre in Lawrence county.

The table on page 16 of this report gives the comparative area and condition of Barley in each county in the state where the crop is receiving any attention.

## OLD CORN.

The following table gives the amount of old corn in producers' hands the past five Mays, as well as the crop produced the preceding fall.

The partial failure of the corn crop of the State during the past three years is indicated in the following table:

Years.	Crop in bushels.	Per cent on hand following May...	Bush'ls corp in producers' hands following May.
1879.....	305,913,377	32+	99,239,889
1880.....	250,697,036	28+	71,929,343
1881.....	174,491,706	21+	37,445,964
1882.....	179,471,729	24+	43,450,857
1883.....	186,583,558	21+	39,478,621
Average.....	219,431,481	26	58,308,935

The amount of old corn in first hands the first of the month was 18,830,314 bushels less than the average quantity on hand at corresponding dates during the past five years. The past long, cold winter has necessitated the feeding of an unusual amount of corn since last harvest, and this will partially account for the small percentage on hand the first of May.

## MEADOWS.

The area of meadows is some larger than last season. In forty-three counties there is considerable increase in the area of meadows as compared with May, 1883, and in twenty-eight counties the area is the same as last season. In the remaining thirty-one counties the area is nearly as large as last season.

The season until recently has been cold, and in the majority of counties there has been too much rain for the rapid growth of grass, which is above an average in only eighteen counties. The condition of meadows gives encouragement for an average yield per acre of hay in twenty-two counties.

In the remaining sixty-two counties there will be less than an average yield per acre of hay unless there is unusual improvement in the condition of meadows before harvest.

## PASTURES.

The area of pastures is much larger than last season, and the increase is quite generally distributed over the State.

In nearly half the counties (47) in the State there has been an increase in the area of pastures during the past year, and in twenty-nine counties the area is about the same as in 1883. In the remaining twenty-six counties the area is less than last season.

Pastures are not in as good condition as meadows. The limited corn crop induced many farmers to graze their pastures too much late in the fall, and the penalty is being paid this spring in a very limited supply of grass for stock.

The condition of pastures is above an average in only fourteen counties, and up to an average in ten counties. In the remaining seventy-eight counties the condition of pastures is below an average for the season.

## LIVE STOCK.

The table on page 24-25 of this report gives by per cent., in each county in the State, the number of cattle, horses, hogs and sheep on hand May 1, 1884, as compared with corresponding date last season.

The table makes a very gratifying showing for the more intelligent and practical farmers in many of the southern counties, where the profitable business of stock breeding has been too generally neglected. The increased attention given of late to breeding of farm animals in the Southern division of the State by some of the more successful and progressive farmers is having a marked effect in directing general attention to the larger and more certain profits resulting from a diversified system of farming.

The formation in the Southern portion of the State of herds of the improved beef and milk breeds of cattle; the introduction of the best studs of heavy and light horses; the purchase of creditable specimens of the most popular breeds of mutton and wool producing sheep, and the early maturing types of hogs will, at no late date, make it possible for the farmers of moderate means throughout the lower counties to secure at reasonable prices, within short distances, the more profitable breeds of farm animals to replace the more expensive and unsightly "scrub" stock.

## HORSES.

The demand for horses the past fall and winter, and the stringency in the finances of the majority of farmers, resulting from the partial failure of crops the past two years, has had the effect of reducing the number of horses in first hands when compared with May, 1883.

Only fourteen out of the 102 counties in the State report an increase in the number of horses in the State since the first of last May, as follows: Lawrence, 110 per cent; Warren, 107; Madison and Sangamon, 104; Macon and Will, 103; Edgar, Ford, Kane, Marshall and Putnam, 102; Kendall, Pope and Williamson, 101.



In the following counties the number of horses is reported the same as in May, 1883, viz: Alexander, Cass, Franklin, Hamilton, Iroquois, Jersey, LaSalle, Massac, Perry, Pike, Randolph, Rock Island, Stephenson, Tazewell, Union and Washington.

In the remaining seventy-two counties the number of horses is reported to be less than last spring.

The condition of horses throughout the State is hardly up to an average; only eleven counties report horses as above an average in condition; thirty-nine counties report the condition of horses as up to an average, and in fifty-two counties horses were not up to an average in condition for the season.

The counties in which horses are reported to be above an average in condition are as follows: Massac, 107 per cent.; Mercer, 105; Marshall and Vermillion, 104; Brown, Hancock and Macon, 103; Warren, 102; Adams, JoDaviess and Knox, 101.

The counties in which horses are reported to be up to an average in condition are as follows: Champaign, Clay, Coles, Cook, DeKalb, DeWitt, DuPage, Edgar, Franklin, Jackson, Jersey, Kankakee, Kendall, Lake, LaSalle, Lawrence, Lee, Livingston, Logan, Macoupin, Madison, Marion, Mason, Ogle, Piatt, Pike, Pope, Randolph, Saline, Schuyler, Stark, St. Clair, Stephenson, Union, Wayne, White, Will, Winnebago and Woodford.

There are no prevailing diseases among horses in any portion of the State, and there are few cases of distemper, epizootic or other similar troubles than usual.

There are more complaints than usual of mares aborting; that the foals come weak, and a larger proportion than usual die at or soon after birth. Mares do not seem, as a rule, to give the usual amount of nourishment for their colts, which are more weakly than heretofore.

The proportion of brood mares not proving with foal is much larger than usual.

## CATTLE.

The number of cattle in the State is less than in May, 1883. The scarcity of corn and money, and the prevailing high prices for butchers' stock has induced farmers to reduce the usual supply of cattle. The following nine counties report an increase as noted in the number of cattle on hand as compared with May, 1883, viz: Calhoun, 105 per cent; Cass, 101; Fayette, 103; Hamilton, 106; Lawrence, 105; Madison, 103; Menard, 101; Wayne, 104; Williamson, 102. These counties, with scarcely an exception, are not recognized among the counties making a specialty of cattle breeding. The following thirteen counties report the same number of cattle on hand as in May, 1883, viz: Cumberland, DeKalb, DuPage, Greene, Jackson, Kendall, Morgan, Pulaski, Randolph, Stark, St. Clair, Union and Will. In some of these counties considerable attention is given to the breeding of cattle.

In the remaining eighty counties in the State the number of cattle is less than in May, 1883.

The condition of cattle the first of May was reported to be above an average in less than ten per cent of the counties in the State, and as follows: Vermilion, 106 per cent.; Marshall, 105; Greene, 104; McDonough, 103; Lee, Madison, Putnam and St. Clair, 102; Knox, 101.

The condition of cattle the first of the month was reported up to an average in the twenty-two counties named: Champaign, Clay, Coles, Cook, DeWitt, DuPage, Franklin, Hancock, Iroquois, Kankakee, Kendall, Lawrence, Logan, Macon, Ogle, Perry, Pike, Saline, Schuyler, Stark, Warren and Will.

It will be seen that in two-thirds of the counties in the State cattle were below the average in condition on May 1, 1884.

## DAIRY COWS.

The interest in dairy farming is increasing in all portions of the State, and thirty-four counties report an increase in the number of dairy cows since the first of May, 1883, as follows: Randolph, 114 per cent.; Jefferson, 113; McHenry, 109; Christian, McDonough and Vermilion, 107; Grundy, Hamilton, Lake, Massac and Mercer, 106; Fayette, Ford, Greene, Kankakee, Lawrence, Perry, Warren and Will, 105; Madison, 104; Williamsen, 103; Henderson, Jersey, Marshall, Menard, Morgan, Union and Whiteside, 102; Adams, Edgar, Kendall, Knox, Rock Island and Wayne, 101.

The following twenty-eight counties report the same number of dairy cows on hand as in May, 1883, viz: Brown, Champaign, Clark, Clay, Cook, Cumberland, DeKalb, DeWitt, DuPage, Fulton, Henry, Iroquois, Jackson, JoDaviess, Lee, Macon, Macoupin, Marion, Mason, Monroe, Piatt, Pike, Pope, Schuyler, Stark, Wabash, White and Woodford.

In the remaining forty counties the number of dairy cows is nearly as large as in May, 1883.

## HOGS.

There is a large decrease in the number of hogs on hand, compared with corresponding date in 1883.

In the ten counties, where the largest number of hogs to each square mile was reported by assessors in 1883, the decrease in the number of hogs during the past year is given by per cent. and is as follows: Logan county, 95 per cent. of the number on hand in May, 1883; Stark, 90; Warren and Scott, 82; Henderson, 70; Knox, 81; Stephenson, 75; Putnam, 85; Fulton, 91; Mercer, 65.

In a few counties in the Southern part of the State, where comparatively little interest has been given to pork production, an increase in the number of hogs during the past year is reported as follows: Massac, 112 per cent.; Franklin, Hamilton and Lawrence, 110; Jasper and Williamson, 109; Cumberland and Wayne, 107; Pope, 106; Clay and Randolph, 104; Madison and Union, 102.

The following counties report about the same number of hogs on hand as in May, 1883, viz: Edgar, Cass, Fayette, Jackson, Shelby, Wabash, Bond, Edwards, Jefferson and Marion.

The remaining seventy-eight counties in the State show a decrease in the number of hogs during the past year.

The cold, wet spring has not been favorable for spring pigs, and the mortality has been unusually large this season.

There is much complaint that pigs are not as strong and vigorous as heretofore.

The scarcity of corn and the cold, protracted winter has had much to do with the poor condition of breeding and stock hogs.

The condition of hogs is reported above an average in only four counties, as follows: Lawrence, 105 per cent.; Marion and Menard, 102; Randolph, 104, and Washington, 101 per cent.

Hogs are reported up to an average in condition in the following counties: Brown, DuPage, Ford, Franklin, Grundy, Hancock, Jackson, Jasper, Logan, Madison, Saline, Shelby, St. Clair, Tazewell, Union, Wayne and Will counties.

It will be seen that, with few exceptions, the hogs are in the best condition in the counties reporting the best corn crops last season.

There are no complaints of any prevailing diseases among hogs in any considerable portion of the State, and excepting the debilitated condition of hogs, the result of the scant supply of corn and the exposure during the past severe and protracted winter, hogs may be said to be remarkably healthy and doing well.

## SHEEP.

In the ten counties where the latest returns of the assessors showed the largest number of sheep to each square mile of any counties in the State, the number of sheep as compared with May, 1883, is as follows: Lake county, 90 per cent.; McHenry, 85; Edwards, 95; Boone, 80; Crawford, 91; Vermilion, 101; Brown, 98; Richland, 92; Fulton, 90, and Winnebago, 93 per cent.

The following fifteen counties show an increase in the number of sheep on hand, as compared with corresponding date last season, viz: Alexander, 102 per cent.; Christian, 104; Clinton, 102; Edgar and Fayette, 104; Hamilton, 123; Henry, 101; Lawrence, 105; Madison, 101; Piatt, 102; Pulaski, 107; Union, 105; Vermilion, 101; Wayne, 102; White, 103 per cent.

The number of sheep in the following counties is about the same as last season, viz: Brown, Calhoun, Cass, Cook, Cumberland, Franklin, Hancock, Jackson, Jasper, Knox, LaSalle, Marion, Marshall, Massac, Pike, Saline and Woodford..

The number of sheep on hand the first of the month in the seventy-two counties not named above is less than last season at corresponding date.

There are but few complaints of diseases affecting sheep and the exceptional isolated flocks reported as affected are troubled with a mild form of ailments, easily treated and familiar to flockmasters.

The debilitated condition of ewes mentioned by correspondents in some counties is owing largely to neglect in providing shelter and sufficient food during the past severe and protracted winter, and in such cases has resulted in a larger mortality among lambs than usual.

The reports indicate that sheep have generally come through the winter in better condition than other stock.

The condition of sheep was reported to be above an average the first of the month in the following counties, viz: DeWitt, 105 per cent.; Hamilton, 103; Hancock and Marshall, 105; Pulaski, 103; Rock Island, 102; Vermillion, 105, and Warren, 102 per cent.

In the following thirty-two counties sheep were up to an average in condition, viz: Calhoun, Champaign, Clinton, Coles, Cook, DeKalb, DuPage, Ford, Franklin, Hardin, Iroquois, Jackson, JoDaviess, Kane, Kankakee, Kendall, Lawrence, Livingston, Macon, Macoupin, Madison, Mercer, Ogle, Piatt, Pike, Saline, Schuyler, Stark, Stephenson, White, Will and Woodford.

In the remaining sixty counties sheep are below an average in condition.

## WAGES PAID FARM HANDS.

In sections of the State where a diversified system of farming is pursued laborers are employed throughout the year at higher wages than in sections of the State where farm hands are employed a few months in seeding and harvesting special crops.

There is a profit on well managed farm labor, and the more intelligent farmers find it greatly to their pecuniary advantage to keep their "farm machinery" or workshop in operation during the entire year and employ better than the average farm hands at equitable wages. The most successful farmers, like the leading manufacturers, endeavor to find profitable employment for their operatives throughout the entire year.



The average wages paid farm hands during the past five years in the Northern, Central and Southern divisions of the State are given in the following table:

DIVISION.	PER DAY.		PER MONTH.	
	With board.	Without board.	With board.	Without board.
Northern.....	\$1 00	\$1 28	\$20 03	\$23 20
Central.....	0 88	1 15	18 06	25 04
Southern.....	0 68	0 93	14 97	21 37
Average.....	\$0 85	\$1 12	\$17 69	\$24 87

The wages paid farm help in the three divisions of the State during the past five years is given in the following tables.

#### NORTHERN DIVISION.

There is a slight decrease in the amount of wages paid farm hands in the Northern division of the State as compared with last season:

Year.	PER DAY.		PER MONTH.	
	With board.	Without board.	With board.	Without board.
1880.....	\$0 94	\$1 15	\$17 55	\$25 25
1881.....	0 95	1 25	19 55	27 25
1882.....	1 05	1 40	21 40	29 75
1883.....	1 05	1 35	21 15	29 75
1884.....	1 00	1 25	20 50	29 00
Average.....	\$1 00	\$1 28	\$20 03	\$28 20

The monthly wages paid farm hands this season, with and without board, in the Northern counties, is a fraction above the wages paid during the past five years.

The amount paid per day is quite uniform in all the Northern counties, being \$1.00 with board and \$1.25 without board.

#### CENTRAL DIVISION.

The compensation per day with and without board is the same this season in the Central as in the Northern counties. The monthly wages are not as large in the Central as in the Northern counties,

Year.	PER DAY.		PER MONTH.	
	With board.	Without board.	With board.	Without board.
1880.....	\$0 75	\$1 00	\$16 15	\$22 65
1881.....	0 85	1 10	17 85	24 75
1882.....	0 90	1 20	18 65	25 80
1883.....	0 90	1 20	18 90	26 25
1884.....	1 00	1 25	18 75	25 75
Average.....	\$0 88	\$1 15	\$18 06	\$25 04

It will be seen in the above table that the wages paid this season in the Central division of the State exceed the average amount paid during the past five years.

### SOUTHERN DIVISION.

Farm hands receive less compensation for their labor in the Southern counties than in any other portion of the State, and the want of a more diversified system of farming in this part of the State results in fewer months of employment than elsewhere.

Year.	PER DAY.		PER MONTH.	
	With board.	Without board.	With board.	Without board.
1880.....	\$0 65	\$0 90	\$14 00	\$20 45
1881.....	0 65	0 90	14 75	21 05
1882.....	0 65	0 90	14 55	21 00
1883.....	0 70	0 95	15 30	22 10
1884.....	0 75	1 00	15 25	22 25
Average .....	\$0 68	\$0 93	\$14 97	\$21 37

The increased interest given of late years to stock breeding and other advanced methods of farming by the land owners of Southern Illinois, will at no late date create a better demand for good labor at increased wages.

### AGRICULTURAL STATISTICS.

The great value of the crop statistics of this department mainly consists in their early and prompt appearance during the growing season, and immediately after harvest, when the information as to condition and yield is most needed to enable the producer and legitimate dealer to decide as to the supply and value of the crop.

The last official acreage of crops, as reported by assessors, is used as a basis for applying the estimates of crop correspondents as to the area and yield of the growing crops. It is not to be expected that the estimates of correspondents will more than closely approximate the assessed return reported the following year.

The estimates of correspondents, with few exceptions, have been below the returns of assessors made the succeeding year, and during the last six years the reports, when compared with the assessment, have confirmed the superior judgment and careful observations made by correspondents, who are farmers of experience and standing, and largely interested in the accuracy of the returns, and, as a rule, are inclined to the side of conservatism.

### BASIS FOR ESTIMATING ACREAGE, CONDITION, ETC.

It will be observed that the number 100 is used to represent the acreage of the crop of 1883, with which the acreage of the present crop is compared; also a fair average yield and a fair average vitality of growth, unaffected by storms, insects and contingencies; an increase of one-tenth, or ten per cent, is recorded 110; a decrease of five per cent. is marked 95, etc.

Respectfully submitted,

S. D. FISHER,

*Secretary.*

SOUTHERN DIVISION.

Counties.	Rep'ted acre- age 1884 crop	Aer'ge winter killed or de- stroyed by floods or Hes- sian fly.....	Av. condition April 1, 1884	Av. condition May 1, 1884	Av. condition May 1, 1883	Av. condition May 1, 1882	Counties.	Rep'ted acre- age 1884 crop	Aer'ge winter killed or de- stroyed by floods or Hes- sian fly.....	Av. condition April 1, 1884	Av. condition May 1, 1884	Av. condition May 1, 1883	Av. condition May 1, 1882	Counties.	Rep'ted acre- age 1884 crop	Aer'ge winter killed or de- stroyed by floods or Hes- sian fly.....	Av. condition April 1, 1884	Av. condition May 1, 1884	Av. condition May 1, 1883	Av. condition May 1, 1882
Boone.....	764	5	100	95	100	102	Adams.....	79,859	34	92	71	90	75	Alexander.....	21,201	8	96	100	93	108
Bureau.....	961	30	60	70	100	110	Brown.....	23,907	55	77	73	88	90	Bond.....	40,389	38	73	59	54	106
Carroll.....	4,036	37	95	107	100	90	Caboun.....	21,902	10	97	93	90	102	Clay.....	30,690	51	29	29	65	97
Cook.....	163	5	100	90	100	90	Cass.....	20,308	27	82	102	87	120	Clinton.....	76,519	25	79	40	97	97
DeKalb.....	207	.....	100	90	100	105	Champaign.....	20,406	105	95	102	82	116	Crawford.....	41,251	33	34	35	65	97
DePue.....	206	.....	100	90	100	95	Christian.....	64,822	13	95	77	72	92	Edwards.....	29,821	39	62	62	75	100
Grundy.....	82	.....	100	90	100	100	Clark.....	44,050	90	55	74	71	103	Effingham.....	33,821	44	58	45	99	99
Henderson.....	3,940	5	90	93	100	107	Clatsop.....	22,622	18	82	74	55	103	Fayette.....	50,953	30	42	80	107	107
Henry.....	408	25	40	87	100	115	Cumberland.....	28,131	7,758	105	102	62	125	Franklin.....	4,040	19	71	82	75	103
Iroquois.....	6,372	.....	102	101	100	95	DeWitt.....	9,831	25	79	82	67	103	Gallatin.....	36,100	35	40	42	55	103
JoDaviss.....	3,029	5	100	90	100	105	Douglas.....	44,940	28	75	70	87	103	Hamilton.....	28,502	10	65	65	95	106
Kane.....	187	15	77	85	100	103	Edgar.....	44,719	.....	95	99	86	120	Jackson.....	5,800	25	49	49	82	106
Kankakee.....	2,974	25	102	103	100	100	Ford.....	32,030	7	95	99	86	120	Jasper.....	44,529	25	32	32	57	111
Kendall.....	1,233	5	90	100	100	100	Fulton.....	62,032	10	100	97	80	93	Jefferson.....	34,205	49	93	93	61	107
Knox.....	4,037	3	103	98	100	106	Greene.....	25,720	8	82	88	95	110	Johnson.....	43,825	24	72	73	70	100
Lake.....	1,574	25	85	84	90	95	Hancock.....	48,120	10	92	101	97	100	Lawrence.....	28,294	25	80	80	86	96
LaSalle.....	200	9	100	100	100	103	Jersey.....	22,618	25	80	73	44	108	Madison.....	114,361	47	51	63	52	102
Lee.....	657	11	92	100	100	100	Logan.....	22,586	23	91	80	77	61	Marion.....	42,031	13	78	86	81	113
Livingston.....	600	.....	115	110	100	105	Macon.....	99,053	10	102	103	77	106	Massac.....	19,084	8	100	100	86	110
Marshall.....	607	.....	100	112	100	105	Macon.....	10,927	10	97	100	77	115	Monroe.....	37,329	21	70	69	67	109
McHenry.....	1,123	.....	100	97	100	105	McDonough.....	10,212	12	84	86	105	103	Perry.....	18,429	21	82	82	81	111
Merce.....	2,315	12	100	97	100	113	McLeand.....	18,189	16	105	103	62	112	Pope.....	10,671	5	95	97	103	83
Ogle.....	4,579	6	98	90	100	112	Menard.....	86,392	27	79	72	92	96	Pulaski.....	89,944	10	95	95	64	110
Peoria.....	1,050	12	94	90	91	107	Montgomery.....	86,553	6	107	105	84	100	Randolph.....	33,559	53	82	82	62	103
Putnam.....	1,050	12	94	83	100	102	Morgan.....	16,175	14	75	88	75	102	Richland.....	14,795	16	90	73	54	99
Rock Island.....	363	.....	100	100	100	102	Moultrie.....	14,596	25	82	88	75	102	Saline.....	146,795	16	90	73	54	99
Stark.....	5,292	5	95	90	76	106	Platt.....	95,651	16	81	60	74	116	St. Clair.....	33,559	16	70	73	54	99
Stephenson.....	1,174	5	91	100	87	107	Pike.....	59,586	16	84	100	71	106	Union.....	27,220	13	85	90	103	103
Warren.....	1,241	50	50	50	70	105	Sangamon.....	90,739	16	83	100	71	106	Wabash.....	25,363	12	77	74	82	100
Whiteside.....	1,100	.....	95	95	97	107	Schuyler.....	13,675	10	96	95	92	103	Washington.....	107,313	22	82	82	62	106
Will.....	1,292	10	90	95	92	106	Scott.....	59,153	26	73	88	74	103	Wayne.....	43,019	61	62	62	42	106
Winnebago.....	4,341	20	100	97	98	102	Shelby.....	23,895	17	67	73	88	105	White.....	45,900	21	60	61	107	107
Woodford.....	55,152	14	90	94	80	105	Tazewell.....	35,526	55	88	106	77	109	Williamsob.....	31,415	30	78	78	60	112
Total or av.....							Total or av.....	1,235,893	20	87	86	68	103	Total or av.....	1,461,705	27	68	73	68	103



## CONDITION SPRING WHEAT MAY 1, 1884, ETC.

NORTHERN DIVISION.				CENTRAL DIVISION.				SOUTHERN DIVISION.			
Counties.				Counties.				Counties.			
Acreage 1884, compared with 1883....	Average condition May 1, 1884.....	Average condition May 1, 1883.....	Average condition May 1, 1882.....	Acreage 1884, compared with 1883....	Average condition May 1, 1884.....	Average condition May 1, 1883.....	Average condition May 1, 1872.....	Acreage 1884, compared with 1883....	Average condition May 1, 1884.....	Average condition May 1, 1883.....	Average condition May 1, 1882.....
Boone.....	92	97	98	Adams.....	100	100	98	Alexander.....	.....	.....	.....
Bureau.....	80	90	90	Brown.....	100	100	90	Bond.....	.....	.....	.....
Carroll.....	80	100	100	Calhoun.....	100	100	90	Clay.....	.....	.....	.....
Cook.....	155	97	96	Cass.....	100	100	102	Clinton.....	60	.....	.....
DeKalb.....	105	.....	.....	Champaign.....	.....	.....	.....	Crawford.....	90	.....	.....
DuPage.....	100	100	50	Christian.....	100	100	50	Edwards.....	.....	.....	.....
Henderson.....	70	100	92	Clark.....	100	100	92	Edingham.....	.....	.....	.....
Henry.....	120	100	100	Coles.....	100	100	100	Fayette.....	.....	.....	.....
Iroquois.....	102	100	100	Cumberland.....	100	100	100	Franklin.....	.....	.....	.....
JoDaviss.....	102	100	100	DeWitt.....	87	100	95	Gallatin.....	.....	.....	.....
Kane.....	95	100	100	Douglas.....	100	100	115	Hamilton.....	.....	.....	.....
Kankakee.....	.....	100	100	Edgar.....	100	100	100	Hardin.....	.....	.....	.....
Kendall.....	90	100	95	Ford.....	90	100	96	Jackson.....	.....	.....	100
Knox.....	100	90	103	Fulton.....	100	100	102	Jasper.....	.....	.....	.....
Lake.....	99	98	97	Greene.....	100	100	75	Jefferson.....	.....	.....	.....
LaSalle.....	88	95	90	Hancock.....	100	100	95	Johnson.....	.....	.....	.....
Lee.....	102	102	95	Jersey.....	100	100	95	Lawrence.....	.....	.....	.....
Livingston.....	102	100	73	Logan.....	100	100	95	Madison.....	.....	.....	.....
Marshall.....	110	120	93	Macoupin.....	100	100	100	Marion.....	.....	.....	.....
McHenry.....	100	100	92	Mason.....	100	100	100	Massac.....	.....	.....	.....
Mercer.....	100	100	50	McDonough.....	73	83	95	Monroe.....	.....	.....	.....
Ogle.....	101	100	80	McLean.....	100	100	100	Perry.....	.....	.....	.....
Peoria.....	.....	100	90	Menard.....	100	100	100	Pope.....	100	.....	.....
Putnam.....	95	97	90	Montgomery.....	100	100	100	Pulaski.....	.....	.....	.....
Rock Island.....	110	100	105	Morgan.....	100	100	105	Randolph.....	.....	.....	.....
Stark.....	98	98	100	Moultrie.....	100	100	100	Richland.....	.....	.....	.....
Stephenson.....	100	100	100	Pike.....	100	100	90	Saline.....	.....	.....	.....
Warren.....	100	100	93	.....	100	100	100	St. Clair.....	.....	.....	.....
Whiteside.....	87	100	95	Sangamon.....	100	100	100	Union.....	.....	.....	.....
Will.....	100	100	101	Schuyler.....	100	100	100	Wabash.....	.....	.....	.....
Winnebago.....	100	98	106	Scott.....	100	100	100	Washington.....	.....	.....	.....
Woodford.....	100	97	100	Shelby.....	100	100	100	Wayne.....	.....	.....	.....
Average.....	99	99	96	Tazewell.....	150	120	90	White.....	.....	.....	.....
				Vermilion.....	100	100	97	Williamson.....	.....	.....	.....
				Average.....	100	100	97	Average.....	95	80	100

# CONDITION WINTER RYE, MAY 1, 1884.

NORTHERN DIVISION.			CENTRAL DIVISION.			SOUTHERN DIVISION.		
Counties.			Counties.			Counties.		
Av. condition May 1, 1880..	97	96	Av. condition May 1, 1880..	93	93	Av. condition May 1, 1880..	90	95
Av. condition May 1, 1881..	90	100	Av. condition May 1, 1881..	81	81	Av. condition May 1, 1881..	75	73
Av. condition May 1, 1882..	104	100	Av. condition May 1, 1882..	100	100	Av. condition May 1, 1882..	106	106
Av. condition May 1, 1883.	97	100	Av. condition May 1, 1883.	96	96	Av. condition May 1, 1883.	95	95
Av. condition May 1, 1884.	100	100	Av. condition May 1, 1884..	95	95	Av. condition May 1, 1884..	90	90
Boone.....	97	96	Adams.....	100	100	Alexander.....	90	95
Bureau.....	90	100	Brown.....	98	92	Bond.....	75	73
Carroll.....	104	100	Calhoun.....	105	100	Clay.....	110	110
Cook.....	97	100	Cass.....	102	108	Clinton.....	73	71
DeKalb.....	100	100	Champaign.....	100	107	Crawford.....	84	80
DuPage.....	91	105	Christian.....	95	95	Edwards.....	95	100
Grundy.....	98	98	Clark.....	100	100	Effingham.....	100	100
Henderson.....	100	92	Coles.....	98	98	Fayette.....	95	98
Henry.....	100	102	Cumberland.....	100	86	Franklin.....	66	64
Iroquois.....	84	82	DeWitt.....	106	77	Gallatin.....	57	64
Jo Daviess.....	91	86	Douglas.....	103	103	Hamilton.....	90	75
Kane.....	100	91	Edgar.....	95	62	Hardin.....	70	93
Kankakee.....	93	99	Ford.....	100	100	Jackson.....	100	100
Kendall.....	102	95	Fulton.....	70	100	Jasper.....	100	102
Knox.....	101	83	Greene.....	100	104	Jefferson.....	87	110
Lake.....	100	82	Hancock.....	100	110	Johnson.....	48	65
LaSalle.....	100	104	Harvey.....	103	96	Lawrence.....	82	78
Lee.....	110	93	Jersey.....	100	102	Madison.....	88	88
Livingston.....	101	77	Logan.....	100	77	Marion.....	90	95
Marshall.....	95	87	Macon.....	95	101	Massac.....	80	95
McHenry.....	103	105	Macoupin.....	77	106	Monroe.....	55	101
Mercer.....	109	87	Mason.....	80	87	Murphy.....	70	87
Morgan.....	100	78	McDonough.....	100	105	Noble.....	105	93
Ogle.....	100	95	McLean.....	100	102	Perry.....	83	99
Peoria.....	104	91	Menard.....	91	97	Pope.....	70	100
Putnam.....	100	95	Montgomery.....	100	86	Pulaski.....	90	100
Rock Island.....	97	75	Morgan.....	89	92	Randolph.....	100	103
Stark.....	97	99	Moultrie.....	100	185	Richland.....	77	64
Stephenson.....	91	88	Piatt.....	100	96	Saline.....	100	66
Warren.....	100	94	Pike.....	97	83	St. Clair.....	100	95
Whiteside.....	102	85	Sangamon.....	100	108	Union.....	97	95
Will.....	100	102	Schuyler.....	100	102	Wabash.....	91	85
Winnebago.....	100	98	Scott.....	95	92	Washington.....	100	46
Woodford.....	100	88	Shelby.....	96	90	White.....	95	73
Average.....	96	91	Tazewell.....	96	85	Williamson.....	75	82
			Vermilion.....	80	82	Average.....	78	99
			Average.....	95	88		85	85

## ACREAGE AND CONDITION OATS MAY 1, ETC.

NORTHERN DIVISION.				CENTRAL DIVISION.				SOUTHERN DIVISION.			
COUNTIES.				COUNTIES.				COUNTIES.			
Acreage compared with 1883..	Average condition May 1, 1884	Average condition May 1, 1883	Average condition May 1, 1882	Acreage compared with 1883..	Average condition May 1, 1884	Average condition May 1, 1883	Average condition May 1, 1882	Acreage compared with 1883..	Average condition May 1, 1884	Average condition May 1, 1883	Average condition May 1, 1882
Boone .....	104	92	104	Adams .....	99	89	80	Alexander .....	101	86	103
Bureau .....	117	100	105	Brown .....	104	95	100	Bond .....	80	84	93
Carroll .....	102	100	100	Calhoun .....	100	100	95	Clay .....	101	97	95
Cook .....	105	100	102	Cass .....	104	99	98	Clinton .....	92	92	96
DeKalb .....	113	92	108	Champaign .....	90	97	108	Crawford .....	106	92	94
DePue .....	100	90	100	Christian .....	81	82	96	Edwards .....	102	102	90
Grundy .....	110	97	100	Clark .....	109	90	100	Effingham .....	106	100	87
Henderson .....	108	98	100	Coles .....	100	100	105	Fayette .....	98	98	94
Henry .....	118	100	103	Cumberland .....	96	94	96	Franklin .....	100	100	97
Iroquois .....	123	98	90	DeWitt .....	100	102	105	Gallatin .....	90	97	92
Jo Daviess .....	100	100	97	Douglas .....	94	80	108	Hamilton .....	123	105	90
Kane .....	110	100	100	Edgar .....	109	108	103	Hardin .....	80	100	67
Kankakee .....	105	100	96	Ford .....	115	96	94	Jackson .....	90	85	95
Kendall .....	102	98	100	Fulton .....	110	96	98	Jasper .....	120	100	83
Knox .....	109	95	111	Greene .....	84	96	100	Jefferson .....	112	100	86
Lake .....	98	100	98	Hancock .....	108	98	100	Johnson .....	97	100	82
LaSalle .....	104	96	93	Harvey .....	87	75	93	Lawrence .....	90	100	65
Lee .....	109	100	99	Logan .....	102	95	97	Madison .....	110	97	96
Livingston .....	125	102	89	Macon .....	107	100	100	Marion .....	105	90	87
Marshall .....	105	105	100	Macoupin .....	77	81	102	Massac .....	91	99	100
McHenry .....	104	100	100	Mason .....	101	96	100	Monroe .....	97	97	96
Mercer .....	97	95	94	McDonough .....	97	93	110	Perry .....	111	100	96
Ogle .....	106	81	95	McLean .....	123	93	91	Pope .....	102	97	100
Peoria .....	104	92	96	Menard .....	108	93	100	Pulaski .....	102	100	107
Putnam .....	110	100	99	Menard .....	102	100	100	Randolph .....	105	102	92
Rock Island .....	100	96	101	Montgomery .....	80	83	99	Richland .....	142	97	86
Stark .....	109	97	100	Morgan .....	99	91	95	Saline .....	88	85	73
Stephenson .....	102	97	96	Moultrie .....	71	87	100	St. Clair .....	75	97	94
Warren .....	120	105	105	Piatt .....	110	98	95	Union .....	100	95	100
Whiteside .....	101	100	80	Pike .....	118	98	98	Wabash .....	108	97	70
Will .....	115	103	92	Sangamon .....	91	97	110	Washington .....	104	100	90
Winnebago .....	102	100	88	Schuyler .....	105	97	94	Wayne .....	126	100	69
Woodford .....	106	95	102	Scott .....	100	95	91	White .....	102	90	81
.....	.....	.....	.....	Shelby .....	86	92	97	Williamson .....	103	100	77
.....	.....	.....	.....	Tazewell .....	115	97	102	.....	.....	.....	.....
.....	.....	.....	.....	Vermilion .....	146	105	105	.....	.....	.....	.....
Average .....	107	98	97	Average .....	101	94	98	Average .....	102	96	90



# WAGES PAID TO FARM HANDS, SEASON 1883.

## CROP REPORT.

17

NORTHERN DIVISION.				CENTRAL DIVISION.				SOUTHERN DIVISION.			
Counties.				Counties.				Counties.			
Per day with board.....	Per day without board..	Per mo. with board.....	Per mo. without board..	Per day with board.....	Per day without board..	Per mo. with board.....	Per mo. without board..	Per day with board.....	Per day without board..	Per mo. with board.....	Per mo. without board..
\$1	00	25	50	\$	75	1 00	1 25	\$	50	1 00	1 50
Boone.....	1 00	25	50	Adams.....	75	1 00	1 25	Alexander.....	50	1 00	1 50
Bureau.....	1 00	25	50	Brown.....	75	1 00	1 25	Bond.....	75	1 00	1 50
Carroll.....	1 00	25	50	Calhoun.....	75	1 00	1 25	Clay.....	75	1 00	1 50
Cook.....	1 00	25	50	Cass.....	1 00	1 25	1 50	Clinton.....	75	1 00	1 50
DeKalb.....	1 00	25	50	Champaign.....	1 00	1 25	1 50	Crawford.....	75	1 00	1 50
DuPage.....	1 00	25	50	Christian.....	1 00	1 25	1 50	Edwards.....	75	1 00	1 50
Grundy.....	1 00	25	50	Clark.....	75	1 00	1 25	Effingham.....	75	1 00	1 50
Henderson.....	1 25	1 50	2 00	Coles.....	75	1 00	1 25	Fayette.....	50	75	1 00
Henry.....	1 00	25	50	Cumberland.....	75	1 00	1 25	Franklin.....	50	75	1 00
Iroquois.....	1 00	25	50	DeWitt.....	1 00	1 25	1 50	Gallatin.....	50	75	1 00
JoDavies.....	75	1 00	1 25	Douglas.....	1 00	1 25	1 50	Hamilton.....	75	1 00	1 50
Kane.....	1 00	25	50	Edgar.....	75	1 00	1 25	Hardin.....	75	1 00	1 50
Kankakee.....	1 00	25	50	Ford.....	75	1 00	1 25	Harrison.....	75	1 00	1 50
Kendall.....	1 00	25	50	Fulton.....	1 00	1 25	1 50	Jackson.....	75	1 00	1 50
Knox.....	1 00	25	50	Greene.....	75	1 00	1 25	Jasper.....	75	1 00	1 50
Lake.....	1 00	25	50	Hancock.....	75	1 00	1 25	Jefferson.....	75	1 00	1 50
LaSalle.....	1 00	25	50	Jersey.....	75	1 00	1 25	Johnson.....	75	1 00	1 50
Lee.....	1 00	25	50	Logan.....	1 00	1 25	1 50	Lawrence.....	75	1 00	1 50
Livingston.....	1 00	25	50	Macoupin.....	1 00	1 25	1 50	Madison.....	75	1 00	1 50
Marshall.....	1 00	25	50	Macon.....	1 00	1 25	1 50	Marion.....	75	1 00	1 50
McHenry.....	1 00	25	50	Madison.....	1 00	1 25	1 50	Massac.....	75	1 00	1 50
McNair.....	1 00	25	50	McDonough.....	1 00	1 25	1 50	Monroe.....	75	1 00	1 50
Merceer.....	1 00	25	50	Mason.....	1 00	1 25	1 50	Perry.....	75	1 00	1 50
Monroe.....	1 00	25	50	McDonough.....	1 00	1 25	1 50	Pope.....	75	1 00	1 50
Orle.....	1 00	25	50	McDonough.....	1 00	1 25	1 50	Randolph.....	75	1 00	1 50
Putnam.....	1 00	25	50	McDonough.....	1 00	1 25	1 50	Richland.....	75	1 00	1 50
Rock Island.....	1 00	25	50	McDonough.....	1 00	1 25	1 50	Saline.....	75	1 00	1 50
Stark.....	1 00	25	50	McDonough.....	1 00	1 25	1 50	St. Clair.....	75	1 00	1 50
Stephenson.....	1 00	25	50	McDonough.....	1 00	1 25	1 50	Union.....	75	1 00	1 50
Warren.....	1 00	25	50	McDonough.....	1 00	1 25	1 50	Washington.....	75	1 00	1 50
Whiteside.....	1 00	25	50	McDonough.....	1 00	1 25	1 50	Wayne.....	75	1 00	1 50
Will.....	75	1 00	1 25	McDonough.....	1 00	1 25	1 50	White.....	75	1 00	1 50
Winnebago.....	1 00	25	50	McDonough.....	1 00	1 25	1 50	Williamson.....	75	1 00	1 50
Woodford.....	1 00	25	50	McDonough.....	1 00	1 25	1 50	Average.....	75	1 00	1 50
Average.....	\$1	00	25	Average.....	\$1	00	25	Average.....	\$	75	1 00

## GRAIN PROSPECTS, ETC.

## ACREAGE, CONDITION, ETC.

## COUNTIES.

	WINT'R GRAIN.	W'R WHT	W'R RYE.	SPRING WHEAT	OATS.	BARL'Y	MEAD- OWS.	PAN- TURES.
	Condition of wheat May 1, 1884.	Condition of rye May 1, 1884.	Acre winter-killed, destroyed by floods or Hessian fly.	Acreage compared with that of 1883.	Condition May 1, 1884.	Acreage compared with that of 1883.	Condition May 1, 1884.	Acreage compared with that of 1883.
	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.
Adams.....	71	90	34	14	99	89	94	96
Alexander.....	100	90	8	10	101	86	102	100
Bond.....	59	75	38	25	80	84	100	93
Boone.....	95	97	5	92	104	92	100	165
Brown.....	73	98	55	42	104	95	98	97
Bureau.....	70	90	30	10	117	100	110	92
Calhoun.....	95	90	10		90	100	100	95
Carroll.....	107	104	37	10	102	100	100	95
Cass.....	102	104	5		104	99	100	99
Champaign.....	60	95	27		110	97	100	100
Christian.....	77	95	13	10	81	82	104	98
Clark.....	50	58	55	40	109	90	97	93
Clay.....	29		51		101	97	105	99
Clinton.....	50		27	90	92	90	100	100
Coles.....	71	100	28	5	100	95	92	94
Cook.....	90	97	5	155	105	100	101	102
Crawford.....	35	84	55	37	106	92	102	85
Cumberland.....	81	100	18		96	94	100	101
DeKalb.....	95	100		105	113	92	100	97
DeWitt.....	102	106		87	110	102	97	95
Douglas.....	82	95	25	9	94	80	91	86
DuPage.....		91			100	90	100	100
Edgar.....	63		28		109	108	92	88
Edwards.....	61	95	35	20	120	102	99	100
Effingham.....	62	66	39	35	106	100	102	96
Fayette.....	62	57	44	42	98	98	107	101
Ford.....		100			115	96	100	101
Franklin.....	80	90	30	10	100	100	110	100
Fulton.....	99	100	5	5	110	96	94	96
Gallatin.....	82		19		90	97	97	97
Green.....	97	100	7	5	84	96	102	101
Grundy.....		98		4	110	97	105	97
Hamilton.....	72	90	35	32	123	105	112	110
Hancock.....	107	103	10	5	108	98	90	93
Hardin.....	95		10		80	100	95	90
Henderson.....	93	100	5	70	108	98	103	93
Henry.....	90	84	5	22	118	100	100	93
Iroquois.....	87	91	25	47	123	98	103	98
Jackson.....	90	100	25	15	90	85	95	100
Jasper.....	57	66	49	37	120	100	100	97
Jefferson.....	33	48	58	65	112	100	112	97
Jersey.....		88	8		87	75	100	100
Jo Daviess.....	101	100		102	100	100	100	100
Johnson.....	73	82	24	7	97	100	90	84
Kane.....	95	93	5	7	110	100	100	97
Kankakee.....	85	102	15	5	105	100	93	92
Kendall.....	100	101	5	5	102	98	101	101
Knox.....	103	100	25	15	100	90	86	90
Lake.....	98	100	3	3	98	98	104	94
LaSalle.....	84	110	25	7	88	95	99	91
Lawrence.....	80	80	10	10	90	100	105	105
Lee.....	100	101	9	5	102	103	101	102

## GRAIN PROSPECTS—Continued.

COUNTIES.	WINT'R GRAIN.	WINT'R WHEAT.	WINT'R RYE.	SPRING WHEAT.	OATS.	BARL'Y.	MEAD-OWS.	PAS-TURES.
	Condition of wheat May 1, 1884. Per cent.	Condition of rye May 1, 1884. Per cent.	Acre'ge winter-killed, destroyed by floods or Hessian fly. Per cent.	Acre'ge winter-killed, destroyed by floods or Hessian fly. Per cent.	Acreage compared with that of 1883. Per cent.	Condition May 1, 1884. Per cent.	Acreage compared with that of 1883. Per cent.	Condition May 1, 1884. Per cent.
Livingston	100	95	7	11	100	100	125	102
Logan	102	100	10	5			102	95
Macon	73	97	25				107	100
Macoupin	80	75	23	10			77	81
Madison	77	90	25	10			110	97
Marion	63		47				105	90
Marshall	115	103			110	120	105	105
Mason	112	100	10	10			101	96
Massac	86	70	13	20			91	99
McDonough	106	100	10	10	73	83	123	93
McHenry	112	109		7	100	100	104	100
McLean	86	91	12				108	93
Menard	103	100	16	10	100	100	102	100
Mercer	100	100		10			97	95
Monroe	100	105	8	3			97	87
Montgomery	72	89	27	10			80	83
Morgan	107	100	6	2			99	91
Moultrie	80	100	14	5			71	87
Ogle	97	104	12	6	101	100	106	81
Peoria	95	94	6				104	92
Perry	69	88	21	12			111	100
Piatt	88	97	25				110	98
Pike	60	100	16				118	93
Pope	87		10				102	97
Pulaski	103	100	5		100	100	110	100
Putnam	90	100	17	4	95	97	110	100
Randolph	95	90	10				105	102
Richland	52	77	53	22			142	97
Rock Island	83	97	12	5	110	100	100	96
Saline	85	100	16	12			88	85
Sangamon	100	100	14		100	100	91	97
Schuyler	95	100	10				105	97
Scott	82	95	20				100	95
Shelby	83	96	26	8			86	92
Stark	100	97		10	98	98	109	97
St. Clair	73	100	16				75	97
Stephenson	90	91	5		100	100	102	97
Tazewell	105	96	17	10			115	97
Union	85	97	12	2			100	97
Vermilion	71	80	54	33	150	120	146	105
Wabash	74		13				108	95
Warren	100	100	5	5	100	100	120	105
Washington	75	91	22	22			104	100
Wayne	62	100	61	50			126	100
White	80	95	21	8			102	90
Whiteside	50	102	50	10	87	100	101	100
Will.	100				100	100	115	103
Williamson	56	75	30	25			103	100
Winnebago	95	100	10	4	100	98	106	100
Woodford	97	100	20	5	100	97	102	95



## CORN ON HAND.

Counties.	Bushels produced, 1883.....	Per ct. 1883 crop in producers' hands May 1, 1884.....	Bushels in produc- ers' hands May 1, 1884.....	Bushels in produc- ers' hands May 1, 1883.....	Bushels in produc- ers' hands May 1, 1882.....	Bushels in produc- ers' hands May 1, 1881.....	Bushels in produc- ers' hands May 1, 1880.....
Adams.....	2,411,024	14	337,543	356,474	272,765	805,103	1,407,408
Alexander.....	235,521	15	35,328	36,954	10,121	157,681	.....
Bond.....	770,400	14	107,856	252,593	1,150	78,214	439,760
Boone.....	743,505	12	89,221	106,361	198,153	336,213	293,258
Brown.....	802,412	50	401,206	152,518	.....	229,837	253,344
Bureau.....	5,304,060	20	1,060,812	1,004,858	888,420	1,914,230	2,869,460
Calhoun.....	649,560	50	324,780	128,269	27,928	56,506	203,154
Carroll.....	1,235,844	13	160,630	552,451	503,760	915,748	1,843,319
Cass.....	1,431,332	15	214,700	418,631	243,466	602,504	493,200
Champaign.....	8,506,600	23	1,956,518	1,114,124	704,000	2,964,363	3,337,318
Christian.....	1,935,920	11	212,951	382,709	521,632	804,293	1,290,845
Clark.....	1,224,376	33	404,044	240,514	10,499	226,205	535,591
Clay.....	489,472	15	73,421	315,659	8,751	60,616	433,509
Clinton.....	1,893,010	22	416,462	.....	9,028	156,261	190,317
Coles.....	1,710,030	17	290,705	425,736	208,410	479,468	780,850
Cook.....	685,118	10	68,512	402,084	101,314	424,429	248,064
Crawford.....	1,163,520	28	325,786	241,627	.....	262,124	284,708
Cumberland.....	693,144	34	235,669	130,945	1,001	196,750	346,193
DeKalb.....	2,238,020	15	335,703	458,968	933,791	1,731,240	1,724,869
DeWitt.....	2,470,452	20	494,090	498,265	287,210	601,045	1,410,360
Douglas.....	1,520,088	27	410,424	623,493	446,985	724,327	959,573
DuPage.....	625,980	.....	.....	68,776	63,711	588,506	124,753
Edgar.....	598,672	15	89,801	277,625	162,444	643,310	1,255,128
Edwards.....	350,820	40	140,328	230,987	1,777	71,843	173,848
Effingham.....	526,246	18	94,724	396,778	.....	234,178	221,822
Fayette.....	839,180	6	50,351	343,168	.....	144,371	668,752
Ford.....	1,678,395	12	201,407	963,401	883,355	1,292,014	2,324,716
Franklin.....	62,766	30	18,830	221,014	.....	51,443	245,498
Fulton.....	2,303,726	25	575,931	437,833	576,248	991,524	1,405,145
Gallatin.....	1,280,000	15	192,000	317,726	29,955	69,798	349,975
Greene.....	2,335,000	34	793,900	1,138,726	500,688	1,167,930	474,290
Grundy.....	1,050,432	23	241,599	487,377	494,486	1,089,965	208,664
Hamilton.....	514,624	15	77,194	324,445	.....	123,542	211,168
Hancock.....	1,978,440	13	257,197	91,882	180,232	683,548	1,497,249
Hardin.....	136,500	27	36,855	66,742	11,395	42,852	67,173
Henderson.....	1,423,202	25	355,800	413,951	241,035	1,097,547	1,168,258
Henry.....	3,102,588	12	372,310	923,581	792,181	2,765,138	2,889,218
Joquouis.....	5,853,141	20	1,170,628	968,398	895,647	1,578,892	2,892,471
Jackson.....	472,995	25	118,249	226,320	.....	145,771	330,907
Jasper.....	915,270	28	256,276	270,609	.....	319,178	151,241
Jefferson.....	1,235,675	15	185,351	194,625	3,722	149,484	598,466
Jersey.....	1,376,920	33	454,384	293,752	53,408	261,419	314,974
JoDavies.....	1,377,240	8	110,179	324,595	161,200	157,927	477,550
Johnson.....	671,888	29	194,731	147,046	16,560	109,004	131,929
Jane.....	1,367,425	18	246,208	304,967	636,649	665,267	489,404
Jankakee.....	1,610,192	26	418,650	610,664	548,660	689,850	358,088
Jendall.....	1,304,289	21	273,901	741,467	307,769	890,499	624,312
Jnox.....	3,306,472	11	363,712	511,461	939,948	2,068,867	1,513,712
Jake.....	552,680	8	44,214	83,441	177,670	140,390	126,849
JaSalle.....	3,959,496	38	1,504,608	1,930,442	1,534,786	3,938,177	4,792,466
Lawrence.....	820,961	15	123,144	209,067	11,555	366,617	143,167
Lee.....	2,802,920	24	672,701	1,367,444	1,009,051	1,102,732	1,267,508

## CORN ON HAND—Continued.

Counties.	Bushels produced, 1883.....	Per ct. 1883 crop in producers' hands May 1, 1884.....	Bushels in produc- ers' hands May 1, 1884.....	Bushels in produc- ers' hands May 1, 1883.....	Bushels in produc- ers' hands May 1, 1882.....	Bushels in produc- ers' hands May 1, 1881.....	Bushels in produc- ers' hands May 1, 1880.....
Livingston .....	4,227,560	13	549,583	1,048,267	2,793,409	1,430,329	2,944,718
Logan .....	4,448,276	25	1,112,069	854,843	1,774,823	1,855,079	2,295,488
Macon .....	4,234,912	25	1,058,728	454,700	843,744	859,628	1,413,107
Macoupin .....	2,599,110	18	467,840	456,421	356,649	1,013,875	1,598,238
Madison .....	2,993,830	15	449,074	583,612	18,850	854,719	1,249,899
Marion .....	904,300	2	18,086	231,974	.....	74,379	671,311
Marshall .....	2,000,000	31	620,000	578,491	475,964	1,117,614	1,956,822
Mason .....	611,450	21	128,404	78,615	153,787	123,030	692,899
Massac .....	286,325	19	54,402	105,764	18,075	85,949	63,644
McDonough .....	1,922,950	23	442,071	130,626	560,000	486,859	1,211,740
McHenry .....	1,131,520	10	113,152	420,807	307,534	964,753	556,299
McLean .....	6,563,889	35	2,297,361	1,387,087	2,535,000	2,864,107	4,094,488
Menard .....	1,863,920	19	354,145	437,711	517,769	548,241	569,571
Mercer .....	2,379,598	14	333,144	487,885	560,035	1,650,825	926,077
Monroe .....	687,960	17	116,953	103,900	12,083	146,050	233,167
Montgomery .....	3,600,294	15	540,044	534,039	64,412	683,254	1,091,600
Morgan .....	4,613,724	14	645,921	526,664	622,976	500,326	664,610
Moultrie .....	1,471,416	29	426,711	261,240	254,776	581,780	884,100
Ogle .....	2,013,735	17	342,335	919,522	965,562	2,286,280	2,525,388
Peoria .....	1,639,472	12	196,737	488,045	582,011	794,790	584,010
Perry .....	258,636	12	31,036	56,504	142	11,168	95,744
Platt .....	3,388,126	49	1,660,179	328,532	321,197	685,772	878,599
Pike .....	2,114,688	20	422,938	586,459	183,511	251,911	656,051
Pope .....	451,175	30	135,352	154,328	9,240	56,476	94,922
Pulaski .....	186,660	11	20,533	109,133	.....	109,890	35,977
Putnam .....	766,710	50	383,355	289,821	127,037	374,004	599,133
Randolph .....	721,868	13	93,843	189,636	49,184	94,938	257,677
Richland .....	376,530	15	56,479	140,930	.....	34,129	220,331
Rock Island .....	1,339,608	10	133,961	147,217	114,932	578,914	445,799
Saline .....	439,075	22	96,696	156,058	15,905	105,348	306,744
Sangamon .....	6,324,682	21	1,328,183	529,640	694,193	1,082,696	1,432,244
Schuyler .....	1,413,885	20	282,777	101,710	331,881	156,422	587,051
Scott .....	727,966	17	123,574	167,257	271,656	352,471	434,100
Shelby .....	2,605,260	8	208,421	325,245	280,000	637,585	918,222
Stark .....	1,595,308	18	287,155	426,737	229,286	821,601	1,993,244
St. Clair .....	1,922,642	20	384,530	429,304	71,428	292,774	466,580
Stephenson .....	1,323,376	16	211,740	637,659	861,079	1,025,057	1,313,288
Tazewell .....	2,669,771	22	587,350	891,414	384,361	1,246,977	1,856,051
Union .....	317,340	27	85,682	189,568	21,000	172,042	235,988
Vermilion .....	4,236,704	16	677,873	645,309	239,569	1,210,390	1,707,499
Wabash .....	473,904	18	85,303	122,874	4,219	54,078	194,611
Warren .....	4,405,840	10	440,584	439,826	936,472	1,596,105	2,257,133
Washington .....	1,277,640	64	817,690	.....	.....	69,400	208,222
Wayne .....	950,760	25	266,213	297,454	.....	112,902	408,051
White .....	1,499,635	14	208,549	173,547	5,773	185,485	306,688
Whiteside .....	1,860,372	24	446,489	669,546	460,792	1,243,336	1,543,932
Will .....	4,454,319	29	1,291,752	1,216,454	1,286,625	1,638,348	3,109,888
Williamson .....	489,434	18	88,098	88,116	29,870	103,004	221,361
Winnebago .....	1,131,240	11	124,436	596,544	691,487	1,026,070	966,778
Woodford .....	2,131,520	30	639,456	417,309	795,147	309,803	2,741,744
Total or average .....	186,583,558	21	39,478,621	43,450,857	37,445,964	71,929,343	99,239,888

## WHEAT ON HAND.

COUNTIES.	Bushels produced 1883.....	Per cent 1883 crop in producers' hands May 1, 1884.	Bushels in produc- ers' hands May 1, 1884.....	Bushels in produc- ers' hands May 1, 1883.....	Bushels in produc- ers' hands May 1, 1882.....
Adams.....	1,062,490	20	212,498	264,399	143,298
Alexander.....	251,326	12	30,519	18,255	20,536
Bond.....	91,847	9	8,536	105,021	10,506
Boone.....	16,642	30	4,993		5,468
Brown.....	334,545	40	133,818	135,750	
Bureau.....	36,000	15	5,400		17,207
Calhoun.....	305,535	10	30,553	26,412	9,953
Carroll.....	65,053	10	6,503		
Cass.....	278,049	12	33,366	49,772	13,628
Champaign.....	282,767	10	28,277	82,161	32,520
Christian.....	442,062	7	30,914	119,449	27,386
Clark.....	131,712	16	21,074	137,731	36,486
Clay.....	132,070	20	26,414	98,960	27,757
Clinton.....	99,760	5	4,988		47,556
Coles.....	111,310	11	12,244	74,518	48,078
Cook.....	36,467	10	3,644	2,140	3,410
Crawford.....	134,475	19	25,550	146,083	18,701
Cumberland.....	131,553	20	26,311	25,813	42,022
DeKalb.....	10,898				
DeWitt.....	85,615	13	11,130	36,570	10,427
Douglas.....	39,497	21	8,294	61,327	28,118
DuPage.....	18,130				1,272
Edgar.....	68,596	15	10,289	152,234	81,314
Edwards.....	305,362	19	58,019	46,073	
Effingham.....	229,012	19	43,512	135,823	45,467
Fayette.....	149,525	12	17,943	170,511	27,958
Ford.....	4,897				
Franklin.....	40,238	25	10,059	86,256	11,418
Fulton.....	595,638	37	220,386	144,093	53,579
Gallatin.....	323,690	6	19,421	37,598	11,393
Greene.....	510,826	25	127,706	285,870	148,395
Grundy.....	2,080	20	416		368
Hamilton.....	75,006	15	11,251	117,861	8,428
Hancock.....	415,903	25	103,976	69,826	18,761
Hardin.....	33,728	20	6,745	29,205	3,704
Henderson.....	53,568	27	11,463	13,184	6,583
Henry.....	18,626				
Iroquois.....	31,146	25	7,786	19,166	13,677
Jackson.....	441,324	15	66,199	132,246	34,365
Jasper.....	72,536	18	13,056	84,240	23,839
Jefferson.....	198,080	17	33,674	143,363	75,132
Jersey.....	375,474	12	45,057	103,331	93,145
JoDavies.....	75,300	19	14,307	7,978	9,527
Johnson.....	189,244	25	47,311	74,435	16,623
Kane.....	9,208	10	921	1,935	826
Kankakee.....	27,745	10	2,774	8,118	4,411
Kendall.....	1,744			1,590	1,435
Knox.....	72,582	15	10,887		17,999
Lake.....	32,586	21	6,843	5,151	7,775
LaSalle.....	60,503	21	12,706	77,789	10,769
Lawrence.....	184,368	10	18,437	96,997	44,018
Lee.....	86,200	42	36,204	13,479	27,462



## WHEAT ON HAND—Continued.

COUNTIES.	Bushels produced 1883.....	Per cent 1883 crop in products hands May 1, 1884.	Bushels in produ- cers' hands May 1, 1884.....	Bushels in produ- cers' hands May 1, 1883.....	Bushels in produ- cers' hands May 1, 1882.....
Livingston.....	8,765	12	1,052	3,921	2,577
Logan.....	114,218	15	17,133	112,900	44,437
Macon.....	143,825	12	17,259	127,616	58,352
Macoupin.....	814,724	19	154,797	126,641	242,898
Madison.....	803,624	10	80,362	242,191	183,480
Marion.....	190,697			255,122	12,976
Marshall.....	13,300	25	3,325	1,773	1,364
Mason.....	139,572	21	29,310	73,757	7,647
Massac.....	111,545	9	10,039	45,522	43,150
McDonough.....	108,390	22	23,846	45,909	27,257
McHenry.....	73,256	20	14,651	13,702	3,357
McLean.....	80,877	40	32,351	41,931	6,787
Menard.....	96,965	15	14,545	86,347	26,638
Mercer.....	17,172	37	6,354	3,461	15,777
Monroe.....	610,766	20	122,153	358,382	93,675
Monigomery.....	326,074	12	39,129	224,194	43,757
Morgan.....	380,332	11	41,836	81,838	51,552
Moultrie.....	192,322	20	38,464	25,171	656
Ogle.....	40,858	19	7,763	11,243	6,905
Peoria.....	98,630	33	32,548	16,282	17,299
Perry.....	196,349	8	15,708	53,475	12,210
Piatt.....	86,790	40	34,716	30,171	8,516
Pike.....	1,316,704	10	131,670	294,364	54,339
Pope.....	79,217	15	11,882	52,173	9,737
Pulaski.....	73,863	19	7,386	47,693	13,676
Putnam.....	16,420	47	7,717	4,341	3,475
Randolph.....	695,770	12	83,492	354,343	70,119
Richland.....	111,228	12	13,347	85,776	14,666
Rock Island.....	17,180			3,247	
Saline.....	78,886	28	22,088	102,835	27,921
Sangamon.....	322,938	10	32,294	112,691	62,139
Schuyler.....	486,793	10	48,679	81,031	40,769
Scott.....	99,267	11	10,919	40,433	15,510
Shelby.....	435,669	11	47,923	57,757	4,862
Stark.....	6,571			341	2,142
St. Clair.....	583,312	7	40,832	269,252	61,970
Stephenson.....	94,305	27	25,462	39,367	13,121
Tazewell.....	410,325	24	98,478	124,291	35,185
Union.....	351,247	18	63,224	92,268	33,584
Vermilion.....	153,966	9	13,857	166,055	80,834
Wabash.....	221,810	8	17,745	47,420	4,531
Warren.....	20,435	15	3,065	5,029	6,890
Washington.....	572,598	16	91,616	451,457	23,562
Wayne.....	116,368	12	13,964	150,480	18,650
White.....	383,036	8	30,643	56,583	7,700
Whiteside.....	19,726	45	8,877	8,488	
Will.....	31,688			17,472	
Williamson.....	127,620	8	10,210	58,198	34,174
Winnebago.....	28,042	13	3,645	11,497	1,975
Woodford.....	55,045	12	6,605	22,620	8,606
Average.....	20,347,592	16	3,208,368	8,174,634	2,924,039

# LIVE STOCK.

## NUMBER AND CONDITION.

Counties.	CATTLE.		DAIRY COWS.		HORSES.		MULES.		HOGS.		SHEEP.	
	Per ct. on hand May 1, 1884, compared with May 1, 1883.	Condition May 1, 1884.	Per ct. on hand May 1, 1884, compared with May 1, 1883.	Condition May 1, 1884.	Per ct. on hand May 1, 1884, compared with May 1, 1883.	Condition May 1, 1884.	Per ct. on hand May 1, 1884, compared with May 1, 1883.	Condition May 1, 1884.	Per ct. on hand May 1, 1884, compared with May 1, 1883.	Condition May 1, 1884.	Per ct. on hand May 1, 1884, compared with May 1, 1883.	Condition May 1, 1884.
	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.
Adams.....	95	95	101	95	94	101	92	97	82	96	90	92
Alexander.....	98	83	90	90	100	89	100	50	90	85	102	97
Bond.....	96	95	95	95	94	96	99	100	100	98	80	91
Boone.....	94	97	95	97	99	94	100	90	80	86	80	97
Brown.....	90	97	100	93	97	103	100	100	83	100	98	93
Bureau.....	77	90	85	82	87	82	90	90	75	77	95	95
Calhoun.....	105	90	90	80	90	90	100	90	82	95	100	100
Carroll.....	97	90	97	86	99	97	102	100	86	85	95	90
Cass.....	101	99	99	98	100	96	96	96	99	99	100	97
Champaign.....	97	100	100	100	95	100	95	100	92	98	75	100
Christian.....	97	94	107	100	95	92	95	94	78	88	104	96
Clark.....	91	93	100	92	91	93	88	97	91	97	93	95
Clay.....	97	100	100	100	97	100	94	100	104	96	95	91
Clinton.....	80	85	85	85	92	95	82	100	75	90	102	100
Coles.....	89	100	96	100	94	100	97	97	85	95	92	100
Cook.....	97	100	102	101	95	100	100	100	79	95	100	100
Crawford.....	96	96	96	96	86	92	88	100	94	87	91	96
Cumberland.....	100	90	100	97	95	97	98	99	107	94	97	94
DeKalb.....	100	98	100	95	93	100	102	98	87	95	90	100
DeWitt.....	94	100	100	102	95	100	88	100	87	97	95	105
Douglas.....	85	95	98	98	95	95	90	95	79	86	83	92
DuPage.....	100	100	100	100	95	100	.....	.....	75	100	95	100
Edgar.....	95	90	101	90	102	100	90	100	101	99	104	97
Edwards.....	95	89	95	86	87	96	100	97	100	97	95	101
Effingham.....	85	78	89	72	96	93	97	97	70	91	90	79
Payette.....	103	95	105	97	99	98	92	98	98	95	104	99
Ford.....	92	97	105	97	102	91	97	96	65	100	60	100
Franklin.....	95	100	95	100	100	100	100	100	110	100	100	100
Fulton.....	91	97	100	100	94	98	98	100	91	92	90	92
Gallatin.....	82	87	85	90	96	95	90	91	91	95	79	99
Greene.....	100	104	105	100	99	99	94	100	87	96	91	97
Grundy.....	94	97	106	97	92	94	101	100	78	100	92	99
Hamilton.....	106	92	106	98	100	95	102	105	110	97	123	103
Hancock.....	97	100	97	100	98	103	99	100	87	100	100	105
Hardin.....	77	85	77	82	95	95	95	95	87	80	75	100
Henderson.....	93	90	102	93	98	92	100	92	70	93	87	95
Henry.....	89	96	100	94	91	96	100	100	82	88	101	98
Iroquois.....	96	100	100	102	100	98	89	100	92	95	84	100
Jackson.....	100	95	100	95	95	100	100	100	95	100	100	100
Jasper.....	84	84	97	92	96	92	100	100	109	100	96	95
Jefferson.....	96	97	113	109	88	97	93	100	100	97	92	97
Jersey.....	98	88	102	88	100	100	97	100	73	72	85	85
Jo Daviess.....	92	95	100	101	99	101	97	102	89	86	85	100
Johnson.....	92	87	93	85	97	92	94	92	82	86	90	92
Kane.....	95	97	99	96	102	99	100	100	80	89	87	100
Kankakee.....	98	100	105	100	92	100	100	100	80	93	77	100
Kendall.....	100	100	101	100	101	100	100	100	86	85	92	100
Knox.....	94	101	101	101	99	101	94	100	81	96	96	97
Lake.....	90	92	106	97	97	100	97	100	81	91	90	98
LaSalle.....	89	94	96	94	100	100	100	100	79	94	99	101
Lawrence.....	105	100	105	100	110	100	100	100	110	105	105	100
Lee.....	96	102	100	101	98	100	103	100	91	96	95	97

## LIVE STOCK—Continued.

## NUMBER AND CONDITION.

Counties.	CATTLE.		DAIRY COWS.		HORSES.		MULES.		HOGS.		SHEEP.	
	Per ct. on hand May 1, 1884, compared with May 1, 1883.	Condition May 1, 1884.	Per ct. on hand May 1, 1884, compared with May 1, 1883.	Condition May 1, 1884.	Per ct. on hand May 1, 1884, compared with May 1, 1883.	Condition May 1, 1884.	Per ct. on hand May 1, 1884, compared with May 1, 1883.	Condition May 1, 1884.	Per ct. on hand May 1, 1884, compared with May 1, 1883.	Condition May 1, 1884.	Per ct. on hand May 1, 1884, compared with May 1, 1883.	Condition May 1, 1884.
	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.
Livingston.....	88	96	97	92	95	100	100	98	71	92	91	100
Logan.....	95	100	95	100	97	100	102	100	95	100	92	97
Macon.....	75	100	100	100	103	100	100	100	90	97	78	100
Macoupin.....	96	97	100	98	91	100	88	100	84	97	93	100
Madison.....	103	102	104	100	104	100	100	100	102	100	101	100
Marion.....	97	87	100	100	92	100	92	100	100	102	97	62
Marshall.....	97	105	102	104	102	104	110	105	72	91	99	105
Mason.....	95	99	100	95	97	100	99	100	75	98	.....	.....
Massac.....	86	99	106	90	100	107	94	106	112	97	96	97
McDonough.....	80	103	107	103	90	95	100	100	77	85	92	90
McHenry.....	99	99	109	106	97	99	95	100	85	87	85	96
McLean.....	96	95	94	95	95	98	96	97	87	99	86	96
Menard.....	101	99	102	100	96	97	96	98	91	102	93	97
Mercer.....	79	97	106	97	96	105	102	100	65	76	92	100
Monroe.....	95	95	100	100	98	97	98	97	87	95	92	95
Montgomery.....	93	93	91	93	99	96	98	96	95	96	89	97
Morgan.....	100	92	102	97	97	97	87	100	87	92	85	93
Moultrie.....	92	94	95	75	90	97	85	97	79	90	86	94
Ogle.....	89	100	99	99	99	100	92	100	84	86	94	100
Peoria.....	90	99	94	100	95	97	90	100	86	97	80	97
Perry.....	99	100	105	101	100	99	100	100	91	90	94	99
Piatt.....	98	98	100	97	93	100	98	100	90	98	102	100
Pike.....	94	100	100	100	100	100	97	100	93	97	96	100
Pope.....	96	97	100	90	101	100	99	100	105	95	87	87
Pulaski.....	100	96	95	97	96	99	98	100	92	97	107	103
Putnam.....	95	102	90	105	102	97	100	100	85	97	88	98
Randolph.....	100	99	114	99	100	100	99	102	104	104	95	97
Richland.....	78	92	95	92	95	97	93	97	85	85	92	95
Rock Island.....	99	95	101	95	100	96	93	100	72	85	85	102
Saline.....	90	100	90	100	92	100	95	100	97	100	97	100
Sangamon.....	87	97	87	90	104	97	103	97	91	92	94	92
Schuyler.....	98	100	100	95	97	100	95	100	95	95	95	100
Scott.....	97	96	98	95	98	99	90	95	82	94	90	93
Shelby.....	94	97	88	99	85	99	88	100	96	100	89	94
Stark.....	100	100	100	100	96	100	99	100	90	96	97	100
St. Clair.....	100	102	98	102	98	100	98	100	93	100	100	100
Stephenson.....	89	93	98	95	100	100	100	100	75	99	95	95
Tazewell.....	94	98	98	95	100	99	98	100	85	100	94	97
Union.....	100	98	102	97	100	100	100	100	102	100	105	97
Vermilion.....	99	106	107	100	99	104	97	100	92	99	101	105
Wabash.....	94	97	100	98	96	96	96	99	96	96	100	94
Warren.....	90	100	105	100	107	102	85	100	82	90	82	102
Washington.....	95	97	98	102	100	99	96	97	86	101	80	93
Wayne.....	104	99	101	97	98	100	90	100	107	100	102	96
White.....	95	99	100	98	97	100	94	100	87	98	103	100
Whiteside.....	84	97	102	100	89	99	100	100	81	89	90	93
Will.....	100	100	105	100	103	100	100	100	92	100	87	100
Williamson.....	102	87	103	91	101	96	97	96	109	92	100	92
Winnebago.....	90	98	98	98	95	100	.....	.....	75	99	93	98
Woodford.....	92	90	100	80	95	100	97	97	87	97	97	100



## CORRESPONDENTS' REMARKS.

**ADAMS**—Cattle are improving, and are nearly up to an average in condition; the number is not quite as large as last season at corresponding date. The number of dairy cows is some larger than last season; condition about up to an average. Horses are in good condition; the number is less than last May. Mules are nearly up to an average in condition; the number is less than last season at corresponding date. The number of hogs is nearly one-fourth less than in May, 1883; condition fair; same may be said of sheep. Considerable wheat has been plowed up, and the prospects are not encouraging for three-fourths of an average yield per acre. Rye will make nearly an average yield per acre. The late seeding of oats is as large as last season; condition is not up to an average. The amount of old corn and wheat on hand is quite limited. Meadows and pastures are nearly up to an average in condition, and the area is about as large as last season. The apple, pear, cherry and plum bloom give encouragement for an average crop. The soil is in good condition for plowing and planting, and spring work is being rapidly advanced. Pastures have made slow growth, and stock has not done as well as usual, owing to the long, cold winter and backward spring.

**ALEXANDER**—Winter wheat is up to an average in condition and making satisfactory growth; more wheat was winter-killed than reported early in the season. Rye is nearly up to an average in condition. The area of oats is some larger than last season, and the prospects are encouraging for nearly an average yield per acre. The area of meadows is some larger than last season, and the condition is up to an average. Clover and timothy meadows have seldom been in better condition at this season. Pastures look well considering the backward season; the area is not as large as last season. The number of cattle and dairy cows is less than last season at corresponding date; cattle are rather thin in flesh, but are improving rapidly since the pastures have made sufficient range. The number of horses is as large as last season, and while not quite up to an average in condition, are healthy and doing well; same may be said of mules. Hogs are in medium flesh and healthy; the number is less than last season at corresponding date. Sheep are doing well, and the number on hand is some larger than last season. Prospects are encouraging for all kinds of fruit except peaches, which are generally winter-killed. In some localities

the caterpillar has seriously injured the apple trees, and in such cases the apple crop will be quite limited. The soil is in fine condition for plowing and planting, especially on drained land.

**BOND** A large per cent. of wheat has or will be plowed up, and the growing crop does not promise much over half an average yield per acre. Rye, with continued favorable weather, will make about three-fourths of an average yield per acre. The area of oats will be nearly one-fifth less than last season; the prospect is encouraging for over three-fourths of an average yield per acre. The area and condition of meadows and pastures are up to an average. Grain and grass have made rapid growth since the late warm weather commenced. The number of cattle on hand is about the same as in May, 1883; condition nearly up to an average. Not as many dairy cows as last season, neither is the condition as good as usual. Horses are in fair condition; more complaint than usual of loss of young colts. Mules are in fair condition, and the number is as large as last season at corresponding date. The number of hogs is one-fifth less than last season, and their condition is not up to an average. Sheep are nearly up to an average in condition; the number on hand is twenty per cent. less than last season at same date. On drained land the soil is loose and friable; on undrained land the ground plows up rather lumpy. The apple, plum, cherry, currant and gooseberry bloom; large, and gives encouragement for a good crop of fruit.

**BOONE**—The small area of winter wheat is nearly up to an average in condition; the same may be said of rye. The area of spring wheat is not quite as large as last season; the condition promises nearly an average yield per acre. Oats are nearly up to an average in condition, and the area is some larger than last season. Meadows and pastures look well, and the area is as large as last season. Cattle are not quite up to an average in condition, and the number is some less than last season; the same may be said of milch cows. Horses are nearly up to an average in condition, and the number is as large as last season. Mules are in fair condition, and the number is as large as in May, 1883. The number of hogs is twenty per cent. less than last season, and hogs, while healthy, are thin in flesh; the same may be said of sheep. Prospects are encouraging for more than an average crop of fruit.

**BROWN**—Wheat fields look spotted, and a large area of the late seeding of wheat is winter-killed; the prospects are not encouraging for three-fourths of an average yield per acre. Rye is nearly up to an average in condition. The area of oats is some larger than last season, and from present prospects there will be nearly an average yield per acre. The condition of meadows and pastures is not up to an average, owing to the cold, backward spring. The area of grass lands is about as large as last season. The peach trees generally winter-killed; the prospects are fair for nearly all other kinds of fruit. The soil on drained lands is in excellent condition, and farmers that have tilled their land are well advanced with their spring work. Farm animals are in fair condition considering the cold and protracted winter. The number of cattle and hogs is much less than last season at corresponding date. More attention is being paid to the improvement of farm animals each succeeding year, and the better breeds of live stock are in demand.

**BUREAU**—Nearly one-third of the winter wheat was winter killed, and the wheat not plowed under this spring will not average three-fourths of an average yield per acre. Rye is nearly up to an average in condition. The area of spring wheat is twenty per cent. less than last season; the condition of the crop does not give encouragement for quite an average yield per acre. Oats are up to an average in condition, and the area is larger than last season. The area of meadows and pastures is some larger than last season. Since the warm, seasonable weather grass has been making rapid growth, and is nearly up to an average in condition. Apple and cherry trees are well filled with fruit buds. The prospects are good for raspberries. It is rather early to determine the extent of the fruit crop. The soil is rather dry for plowing and planting; the drained land pulverizes well. Farm animals are in fair condition and generally healthy. There is a large decrease in the number of head of all kinds of stock, except sheep, when compared with May, 1883.

**CALHOUN**—Excepting on overflowed land, wheat is making good growth, and is nearly up to an average in condition; on the bottom lands the crop was injured by the water standing on the wheat. Rye is nearly up to an average in condition. The area of oats is not as large as last season; the prospects are encouraging for an average yield per acre. Meadows and pastures look well; the area of pastures is some larger than last season. Peach trees winter-killed; the prospects for nearly all kinds of fruit are fair; it is rather too early to definitely determine the condition of fruit buds. Excepting on drained land, the soil is cold and heavy, and does not pulverize well. Farm animals are healthy and in fair condition; there is an increase in the number of cattle compared with May, 1883, and not as many horses or hogs as last season.

**CARROLL**—Winter wheat is above an average in condition, and with favorable weather until harvest, there will be more than average yield per acre; the area winter-killed and otherwise damaged by floods, etc., is larger than heretofore reported, and in some sections of the county will reduce the area seeded more than one-third. Rye is above an average in condition. Spring wheat looks well; the area is one-fifth less

than last season. Oats are above an average in condition, and the area is some larger than last season. Meadows and pastures are nearly up to an average in condition, and the area is as large as last season. The number of cattle on hand is some larger than last season, and condition up to an average. Horses are in fair condition, and the number is as large as in May, 1883. Hogs look well, and in number compare favorably with last spring. Sheep are not quite up to an average in condition; the number on hand is as large as last season. Soil is in fine condition and pulverizes well, especially on drained land.

**CASS**—Winter wheat during the latter half of April made excellent growth, and where not winter-killed, will make an average yield per acre; same may be said of rye. The area of oats is some larger than last season, and the prospects are encouraging for about an average yield per acre. Meadows and pastures look well, and the area is about the same as in 1883. Farm animals are generally healthy and in fair condition; the few cases reported of distemper and pink eye among horses are hardly worthy of mention. The rolling and drained land plows up mellow, and is in fine condition for planting; the flat untiled land works badly. The number of cattle on hand is as large as in May, 1883; the same may be said of horses, hogs and sheep. Peach trees generally winter-killed. The prospects are encouraging for a good crop of apples, pears, plums, strawberries, currants and gooseberries.

**CHAMPAIGN**—The wheat on timber land looks better than that on the prairies; over one-fourth of the area seeded was winter-killed and will be plowed under; the area undisturbed will not make two-thirds of an average yield per acre. Rye is nearly up to an average in condition. The area of oats is some larger than last season and the crop bids fair to make an average yield per acre. Meadows and pastures are about up to an average in condition; the extent of the hay crop will largely depend on the amount of rainfall in May; pastures that were overstocked last fall are short. Considerable plowing and corn planting has been done on drained land, which is mellow and in good condition; the undrained land is rather hard and lumpy, especially where tramped by stock during the winter when the ground was soft. Farm animals are in fair condition and there are no complaints of disease; there is a large reduction in the number of sheep compared with same date last season; not quite as many horses and hogs as in May, 1883.

**CHRISTIAN**—The damage to the wheat during the winter was more serious than appearances indicated the first of April; the prospects are not encouraging for more than three-fourths of an average yield per acre. Rye is nearly up to an average in condition. The area of oats is about one-fifth less than last season and from present prospects there will not be much over three-fourths of an average yield per acre. The area of meadows and pastures is some larger than last season; grass has made rapid growth of late and is nearly up to an average in condition. Soil, except on flat, undrained land, is cold and wet and does not pulverize well; the drained land works well and considerable corn will be planted on tilled land the first week in May. There is an average bloom of pears, plums, cherries and early apples; peach trees winter-killed. Live stock is in medium condition



and generally healthy; there is considerable complaint of loss of young pigs, owing to the cold, wet spring; the number of hogs is about one-fourth less than last spring; more sheep than in May, 1883, and not quite as many cattle and horses.

**CLARK**—Prospects for winter wheat are discouraging and the area not winter-killed will not make over half an average yield per acre; half the area seeded last fall will be plowed up, owing to the damage resulting from Hessian fly and exposure during the severe winter. The rye looks but little better than the wheat. Oats are nearly up to an average in condition and the area is some larger than last season. Considering the cold, backward spring grass has made good growth and meadows and pastures are nearly up to an average in condition; the area of meadows is about as large as last spring; excepting the drained land the soil is cold and clammy and does not pulverize well owing to the cold, wet spring. There will be an average bloom of apples and a few cherries; peach trees generally winter-killed. Farm animals generally healthy; some distemper in a mild form among horses in some localities; the number of head of live stock on hand is less than last season at corresponding date.

**CLAY**—There will be considerable wheat plowed up and the land seeded in other crops; the damage resulting from the Hessian fly and severe winter injured wheat to such an extent that there will not be much more than one-fourth of an average yield per acre. Oats are nearly up to an average in condition and the area is some larger than last season. The weather has been rather too cold for the rapid growth of grass, which is not up to an average for the first of May; the area of meadows and pastures is some larger than last spring; more attention is paid each succeeding year to the cultivation of meadows and pastures and the results are gratifying. The heavy winter and spring rains have packed the ground and where not well drained the soil turns up hard and lumpy. Prospects are encouraging for a fair crop of nearly every kind of fruit, except peaches and blackberries. Farm animals are generally healthy; there have been complaints of mares losing their colts and that the mares at foaling time do not give sufficient milk to sustain their colts; the number of cattle, horses, mules and sheep is nearly as large as last season at corresponding date; the number of hogs is some larger than in May, 1883; sheep and hogs are in fine condition; other stock looks well.

**CLINTON**—Winter wheat prospects are discouraging; over one-fourth the area was winter-killed, and that remaining will not make more than half an average yield per acre. The area of spring wheat is not as large as last season, and from present prospects there will not be two-thirds of an average yield per acre. Oats are nearly up to an average in condition, and the area is about as large as last season. Meadows and pastures are up to an average in condition, and the area is about the same as in 1883. Fruit prospects are encouraging, except for peaches. All except drained land has been wet for plowing most of the season, and spring work is not as far advanced as usual. Farm animals are in fair condition, and, with the exception of some few cases of hog cholera, are healthy. The number of cattle and hogs is not as large as last year at corresponding date.

**COLES**—Wheat has made considerable improvement in some localities during the past month, and from present prospects will make nearly three-fourths of an average yield per acre. Rye looks well. The area of oats is as large as last season, and the condition is nearly up to an average. Owing to the cold, backward spring, grass has not made usual growth, and meadows and pastures are not up to an average for the season; the area of meadows is not as large as last season; farmers are increasing their corn acreage at the expense of their meadows. Spring work has been delayed by the unfavorable weather, and but few have commenced spring plowing. Corn planting will be completed later than usual. Prospects are encouraging for a fair crop of apples, cherries and small fruits, excepting blackberries and raspberries. Soil is in fine condition for plowing and planting, considering the season. Live stock generally came through the winter in good condition, and there is less complaint than usual of disease; hog cholera has prevailed to some extent in localities. The number of cattle, horses, hogs and sheep is not as large as last season at corresponding date. Farm animals are generally in fair to good condition.

**COOK**—Winter wheat has made considerable improvement during the past month, and is nearly up to an average in condition. Rye will make about an average yield per acre. The area of spring wheat is much larger than last season, and from present prospects there will be nearly an average yield per acre. Oats look well, and the area is as large as in 1883. Barley is up to an average in condition, and the area is as large as last season. Meadows and pastures look well, and the area is some larger than last season. Pastures will be ready for stock by the middle of May. Excepting the drained land, soil has been packed hard by the heavy rains, and does not pulverize well. Farm animals are generally healthy and in fair condition for the season. There is a decrease of nearly one-fourth in the number of hogs compared with same date in 1883. The number of cattle and horses is nearly as large as last season at corresponding date.

**CRAWFORD**—The Hessian fly last fall, and the severe winter, killed over half the wheat, and that which has not been plowed up will make but little over one-third of an average yield per acre. The limited area of rye seeded last fall will, from present prospects, make over three-fourths of an average yield per acre. The area of oats is larger than last season; condition nearly up to an average. The area of meadows and pastures is some larger than last season. Grass has not made the usual growth for the season, owing to the cold, wet spring. There is some complaint of clover being winter-killed. Prospects are good for a fair crop of plums and pears; there will be some cherries and apples; peaches generally winter-killed; there will be plenty of gooseberries and currants. The soil on drained land is in fair condition; on flat, undrained land the ground is wet and clammy. Farm animals are generally healthy and in fair condition. Hog cholera is prevailing to a limited extent in some portions of the county. There is complaint of unusual mortality among young colts—probably the result of impoverished condition of the mares. There is considerable decrease in the number of horses and mules since last spring. The number of cattle, hogs and sheep is nearly as large as in May, 1883.



**CUMBERLAND**—Wheat is generally small, but is making good growth since the warm weather, and with favorable conditions will make more than three-fourths of an average yield per acre. Rye is up to an average in condition. The area of oats is nearly as large as last season, and from present prospects there will be about an average yield per acre. Meadows and pastures are up to an average in condition—the area is as large as last season. The soil is wet and compact except on drained land—where the land is mellow and in fine condition. The ground has been too wet to plant corn except on well drained land. There will be no peaches—a fair crop of apples and cherries, and a good crop of small fruits. Farm animals are generally healthy and where properly sheltered are in fair condition. Some complaint of loss of hogs by so-called hog cholera, owing largely to exposure and want of proper shelter and feed. The number of hogs is some larger than last season—not quite as many horses and sheep as in May, 1883.

**DEKALB**—The limited area of winter wheat grown in this county looks well and is nearly up to an average in condition. Rye is up to an average in condition. The area of spring wheat is some larger than last season. Oats are making rapid growth and with continued favorable weather will make an average yield per acre—the area seeded this spring is larger than that of the crop of the previous year. More barley sown than last season. Meadows and pastures are nearly up to an average in condition, the area is about the same as in 1883. Fruit buds are not sufficiently developed to determine the prospects for the various kinds of fruit. Farm animals are hardly up to an average in condition—the number of horses, hogs and sheep is not as large as last season at corresponding date. There is considerable complaint of loss of young pigs.

**DEWITT**—The weather of late has been warm with frequent showers, and wheat has made a very rapid growth and from present prospects will make an average yield per acre. Rye is above an average in condition. The area of spring wheat is not as large as last season—the crop bids fair to make an average yield per acre. The area of oats is larger than last season and the growth from present prospects will make more than an average yield per acre. Meadows and pastures are nearly up to an average in condition—the area of meadows is not quite as large as last season. Prospects are good for a fair crop of apples and small fruits. Drained land is in excellent condition for plowing and planting. Stock are generally healthy and in fair condition considering the inferior quality of corn fed during the past long and severe winter. The number of head of live stock on hand is not as large as last season at corresponding date—the decrease in the number of hogs is about fifteen per cent. when compared with May, 1883.

**DOUGLAS**—The early sown wheat looks much better than the late seeding which on exposed situations was badly winter-killed. The growing wheat promises over three-fourths of an average yield per acre. Rye is nearly up to an average in condition. From present prospects there will be over three-fourths of an average yield per acre of oats. The area of oats is nearly as large as last season. Meadows and pastures are not up to an average in condi-

tion—there is considerable complaint that clover was badly thrown out by the freezing and thawing weather—the area of meadows and pastures is not as large as last season. There will be no peaches. Prospects are encouraging for a fair crop of apples and small fruits. Soil on drained land works well, and is in fine condition. Farm animals are generally healthy and about up to an average in condition. The number of cattle, hogs and sheep is less than last season at corresponding date.

**DUPAGE**—Rye is nearly up to an average in condition. The area of oats is as large as last season and from present prospects there will be nearly an average yield per acre. Meadows look well and the area is as large as last season; pastures have made but little growth, owing to cold backward season. It is rather early to determine the prospects for fruit. Stock has generally wintered well and is up to an average in condition; there is a decrease in the number of hogs compared with May, 1883; the number of horses and sheep is nearly as large as last season; more attention is paid each succeeding year to the breeding of improved stock and the better methods of farming.

**EDGAR**—Over one-half the late seeding of wheat was winter-killed and the wheat not plowed under from present prospects will not make two-thirds of an average yield per acre. The area of oats is some larger than last season; the condition of crop gives encouragement for more than an average yield per acre. Meadows and pastures are much below an average in condition owing to the cold, backward spring; the area of grass lands is not as large as last season. Prospects are encouraging for all kinds of fruit, except peaches. The soil was not frozen very deep the past winter, owing to the snow protection and the ground does not plow up mellow, except on drained land. There has been some complaint of distemper among young horses; farm animals are not up to an average in condition, owing to the partial failure of the late corn crop; there is an increase in the number of farm animals, excepting cattle, which have been marketed more freely than usual, especially fat cattle.

**EDWARDS**—Winter wheat is making rapid growth and from present prospects will make nearly two-thirds of an average yield per acre; about one-third of the wheat was winter killed. Rye is nearly up to an average in condition. Oats are above an average in condition and the area is much larger than last season. The area of meadows and pastures is nearly as large as in 1883; meadows are up to an average in condition; pastures are short and have not made rapid growth until the late warm seasonable weather. Peaches and blackberries winter-killed; the prospects are encouraging for an abundant crop of other kinds of fruit. The soil, except on drained land, is wet and cold; on drained land the ground is mellow and ready for corn planting. Farm animals generally healthy, excepting breeding mares, which are losing their foals; in some localities horses are troubled with a mild form of distemper; live stock is not up to an average in condition; there is a decrease in the number of horses compared with May, 1883; the number of cattle and sheep is nearly as large as last season; hogs in number compare favorably with corresponding date in 1883.

**EFFINGHAM**—Wheat not winter-killed will make two-thirds of an average yield per acre; some wheat that looked about dead one month ago, now promises to make about half an average yield per acre; about one-third of the wheat and rye was winter-killed. Oats are up to an average in condition and the area is some larger than last season. Pastures were generally grazed too close last fall and are not up to an average in condition. Meadows are nearly up to an average in condition; the area of meadows is some larger than last season. Soil is generally wet and cold, except on drained land. Corn on drained land is being planted in good condition. There will be a few blackberries, no peaches; other fruit bloom is abundant. Farm animals are generally healthy; some cattle have been troubled with disease in the foot, which has not proved contagious; many young colts and mules have died from some unaccountable cause; several mares have died; in some localities a number of cows have died in calving, supposed to be the result of poor feed, care and shelter during the past winter; there is a large decrease in the number of all kinds of live stock, except horses, which in point of number is nearly as large as in May, 1883.

**FAYETTE**—Prospects are not encouraging for two-thirds of an average yield per acre. Nearly one-half the wheat in portions of the county is winter-killed; the wheat on timber land looks more promising than that on the prairies. Rye will not make much over half an average yield per acre. Oats are nearly up to an average in condition; the area is about as large as in 1883. The area of meadows and pastures is some larger than last season; the condition promises more than an average yield of hay per acre. The soil, except on drained land, is wet and cold, and spring work has been considerably delayed in consequence. There will not be any peaches, and but few raspberries; the bloom indicates an average crop of apples, strawberries and cherries. There are some complaints of distemper among horses. Live stock is not quite up to an average in condition. The number of cattle and sheep is some larger than last season; about the same number of horses and hogs as in May, 1883.

**FORD**—Rye is up to an average in condition. The acreage of oats is larger than last season, and the condition promises about an average yield per acre. The area of pastures is some larger than last season; meadows about the same as in 1883. Meadows promise more than an average yield per acre of hay; pastures are nearly up to an average in condition; the grass on drained land has seldom looked more promising at this season; pastures that were grazed too much last fall show the bad effect of such bad practice. The soil is in splendid condition on drained land, but heavy and compact on flat, undrained land. Trees and bushes indicate a full bloom of apples and small fruits, excepting peaches. Farm animals are generally healthy and in fair condition; some distemper among horses, but few fatal cases; there have been more complaints of loss of young colts than usual. There is an increase in the number of horses and milch cows compared with May, 1883; not as many fat cattle as usual; the number of sheep and hogs is one-third less than usual at this season.

**FRANKLIN**—Nearly one-third of the late seeding of wheat was winter-killed, and the

wheat left standing will not make much over three-fourths of an average yield per acre. Oats are up to an average in condition, and the area is as large as last season. The area of meadows is some larger than last season. Grass has made good growth, and from present prospects there will be an average yield per acre of hay. The number of cattle is not quite as large as in May, 1883. There is an increase in the number of hogs compared with corresponding date last season. Farm animals are up to an average in condition.

**FULTON**—Wheat is nearly up to an average in condition; the dry weather during the past ten days has not been favorable for wheat. Rye is up to an average in condition. The area of spring wheat is not as large as last season; the crop is up to an average in condition. The area of oats is larger than last season; condition nearly up to an average. Barley is nearly up to an average in condition; the area is not quite as large as last season. Meadows and pastures are not quite up to an average in condition; the area of meadows is not as large as in 1883. Prospects are good for all kinds of fruit except peaches. The soil, except on drained land, is dry and hard, and in need of rain to make it pulverize well after the plow. Farm animals are healthy and in fair condition; the number of cattle, horses, hogs and sheep is less than last season at corresponding date.

**GALLATIN**—The early sown wheat that was not damaged by the overflow looks well, and the prospects are encouraging for more than three-fourths of an average yield per acre where not winter-killed. Oats are nearly up to an average in condition; the area is not as large as last season. Grass has not made usual growth, owing to the cold, backward season. Meadows look much better than pastures, but are not up to an average in condition. There is an average bloom of apples, cherries and plums; no peaches; a few pears and blackberries. The soil pulverizes well, and except on low, wet lands is in fine condition for plowing and planting. Farm animals are in fair condition; some complaint of cholera among hogs; otherwise farm animals are healthy. There is a decrease in the number of cattle, horses, hogs and sheep compared with May, 1883. Nearly one-fourth less number of sheep than last season.

**GREENE**—Winter wheat is making good growth, and is nearly up to an average in condition; there are fears expressed that the wheat is making too rank a growth of straw. Rye is up to an average in condition. The area of oats is not as large as last season; the condition of oats is favorable for nearly an average yield per acre. Meadows and pastures are up to an average in condition, and the area is about as large as last season; some farmers made the mistake of turning their stock out to pasture before the grass had made sufficient growth. Prospects are encouraging for an abundant crop of apples, pears, plums and cherries; peach trees generally winter-killed. The soil, except on flat, undrained land, plows up mellow and fine. Hog cholera has about subsided, and farm animals are generally healthy and in good condition; there is an increase in the number of milch cows as compared with May, 1883, but not as many hogs or sheep.

**GRUNDY**—Rye is about up to an average in condition. The area of spring wheat is



as large as last season, and the condition gives encouragement for an average yield per acre. Oats are nearly up to an average in condition, and the area is much larger than last season. Meadows and pastures are nearly up to an average in condition; the area is some larger than last season. Prospects are encouraging for all kinds of fruit except peaches. Drained land is mellow and friable, and in splendid condition for plowing and planting. There are some complaints of distemper among horses; otherwise farm animals are healthy and in fair condition. There is an increase in the number of cows compared with corresponding date in 1883. There is a decrease of nearly one-fourth in the number of hogs since last May. The number of horses and sheep is less than last season.

**HAMILTON**—The cool, cloudy weather during April has been very favorable for wheat, which, from present prospects, will make nearly three-fourths of an average yield per acre; about one-third of the late seeding was winter-killed and will be plowed under. Rye is nearly up to an average in condition. The area of oats is much larger than last season, and from present outlook there will be more than an average yield per acre. The area of meadows and pastures is some larger than last season; grass has made good growth, and is more advanced than usual for the season; considerable clover was winter-killed. The peach trees generally winter-killed; prospects are encouraging for a good crop of other kinds of fruit. The soil is in much better condition for plowing than anticipated after the heavy rains; there is more complaint than usual that the hilly lands have washed badly. There are no prevailing diseases among farm animals; brood mares have not done well this spring, and an unusual number of foals have died. There is an increase in the number of cattle, hogs and sheep when compared with May, 1883, and about the same number of horses. Live stock is nearly up to an average in condition.

**HANCOCK**—Winter wheat has made good growth and is above an average in condition, and the same may be said of rye. Oats are nearly up to an average in condition, and the area is larger than last season. Meadows and pastures have not made usual growth for the season; the area of grass land is not as large as last season. Prospects are fair for a medium crop of fruit. It is rather early to determine the condition of some kinds of fruit buds. The ground, except where drained, is either hard or clummy, and does not pulverize nicely. Live stock is generally healthy and in good condition; the few cases of glandered horses have been killed. The number of head of live stock is about the same as last season at corresponding date, except hogs, which have been marketed more freely than usual.

**HARDIN**—Wheat is nearly up to an average in condition, but is rather small owing to the cold, backward spring. Oats are up to an average in condition; the area is fully twenty per cent. less than last season. Meadows and pastures are not up to an average in condition; the season has not been favorable for the usual growth of grass; the area of meadows is not quite as large as last season; old clover was generally winter-killed; there has been more clover sown this season than for several years past. Prospects are encouraging for a fair crop of all kinds of fruit except peaches,

which are winter-killed. The ground has been wet so much that but little plowing has been done, and farmers will be late getting in their corn. Stock is in comparatively good condition after such a long, cold winter. The high prices for butchers' stock induced farmers to sell more freely than usual, and the number of cattle, hogs and sheep is much below the average for this season. With the exception of a few cases of cholera among hogs, farm animals are healthy.

**HENDERSON**—Winter wheat is nearly up to an average in condition; the weather has not been favorable for the growth of wheat of late—too cold and dry. Rye looks well and is up to an average in condition. The area of spring wheat is one-fourth less than last season; the condition gives encouragement for an average yield per acre. Oats are nearly up to an average in condition and the area is larger than last season. Meadows and pastures have not made usual growth, owing to the unfavorable spring weather; the area of grass lands is larger than in 1883; meadows and pastures that were grazed too much last fall and winter have made but little growth this spring. It is too early to determine the prospects for fruit. Excepting the drained land the soil is dry and lumpy and does not work to advantage and a poor seed bed will be given the spring crops. There have been more complaints than usual of horses being affected with distemper in a mild form; more abortions among mares than usual and the same may be said of cows; the number of cattle, hogs and sheep is less than last season; farm animals are not up to an average condition.

**HENRY**—The few pieces of winter wheat in the county are nearly up to an average in condition. Rye will from present prospects make over three-fourths of an average yield per acre. The area of spring wheat is much larger than last season, and the condition gives encouragement for more than an average yield per acre. An unusually large area has been seeded to oats, which are up to an average in condition. The area of meadows and pastures is as large as last season; the dry, cold weather during the past month has not been favorable for the usual growth of grass, which is short for the season. Excepting drained land, the soil is dry and lumpy and plowing is done at considerable disadvantage. Farm animals are healthy with the exception of a mild form of distemper among horses; there have been a few cases of foot trouble among cattle; one man had twenty head affected with diseased hoofs, occasioned by local condition, not contagious or serious; there is a decrease in the number of head of cattle, horses and hogs compared with corresponding date last season; live stock is nearly up to an average in condition.

**IROQUOIS**—The limited area of winter wheat in the county has made considerable growth the past month and from present prospects will make over three-fourths of an average yield per acre. Rye is nearly up to an average in condition. The area of oats is about one-fourth larger than last season; the crop bids fair to make an average yield per acre. The area of meadows and pastures is some larger than last season; grass has made slow growth, owing to the cold, backward season, and is not quite up to an average. Prospects are encouraging for a good crop of nearly all kinds of fruit, except peaches. The drained land is



in splendid condition for plowing and planting; the flat undrained land does not pulverize well. Farm animals are generally thin in flesh, but healthy, with the exception of a few cases of distemper in a mild form; there is a decrease in the number of hogs and sheep as compared with May, 1883.

**JACKSON**—Winter wheat in some localities has made surprising improvement during the past month and the condition gives encouragement for nearly an average yield per acre. Rye is up to an average in condition. The area of oats is not as large as last season and the prospects are not encouraging for an average yield per acre. The area of barley is as large as last season; condition nearly up to an average. The area of meadows is nearly as large as last season; meadows and pastures are up to an average in condition and are doing well considering the cold backward spring. There will be a fair crop of apples and cherries; the peach trees generally winter-killed. Cattle are nearly up to an average in condition; other stock looks well; the number of horses and hogs is not as large as last season; no complaints of disease among farm animals.

**JASPER**—Wheat on timber land promises better than that on prairies; the weather has been favorable for wheat during the past month, and it has made considerable growth, but is yet so small that it is doubtful if it will not be smothered with weeds; with favorable conditions, wheat will not make an average yield per acre. Rye is up to an average in condition. The area of oats is not as large as last season, and from present prospects there will not be much over three-fourths of an average yield per acre. Barley is nearly up to an average in condition, and the area is as large as last year. The area of meadows and pastures is about as large as last season; condition up to an average. There is about an average bloom of all kinds of fruit except peaches. Farmers are just beginning to plow for corn; the wet, cold weather has delayed spring work. Farm animals are generally healthy, and no complaints of disease among stock except that mares are aborting, supposed to be caused by exposure during the severe winter. There is an increase in the number of hogs as compared with May, 1883, and a decrease in the number of cattle.

**JEFFERSON**—The prospects are discouraging for winter wheat; over one-half the area is winter-killed, and the wheat not plowed under will not make more than one-third of an average yield per acre. Rye will make nearly half an average yield per acre. The area of oats is some larger than last season; the prospects are encouraging for an average yield per acre. The area of meadows and pastures is some larger than last season. Grass has made good growth since the seasonable weather, and is nearly up to an average in condition. There is an abundant apple, cherry and plum bloom, also strawberries, and unless frosted there will be a good crop of most kinds of fruit except peaches, which are winter-killed. The ground plows up mellow, and spring crops will be planted in good order. Farm animals are generally healthy and nearly up to an average in condition. There is a slight decrease in the number of horses and sheep compared with same date last season.

**JERSEY**—Wheat is not as forward as usual at this season; the color is improving, and where not winter-killed the prospect is encouraging for nearly an average yield per acre. The new seeding of oats is not as large as last season, and from present prospects there will not be over three-fourths of an average yield per acre. Meadows and pastures are up to an average in condition; the area is as large as last season. Prospects are encouraging for most kinds of fruit except peaches, which are winter-killed. The soil, except on drained land, has been packed by the heavy continued rains and does not pulverize well. With the exception of a few cases of hog cholera, farm animals are healthy and in thin condition, the result of the long, severe winter and scarcity of corn. There is a large decrease in the number of hogs and sheep compared with corresponding date in 1883.

**Jo DAVIESS**—Winter wheat has made good growth since the warm weather, and the prospects are encouraging for over three-fourths of an average yield per acre. The area of oats is much below the acreage seeded last spring; this crop has not made good growth, and from present prospects there will not be much over three-fourths of an average yield per acre. Meadows and pastures are up to an average in condition, and the area is as large as last season. The fruit buds give encouragement for more than an average crop of Snyder blackberries, black and red raspberries, early Richmond and Morello cherries, currants, gooseberries, grapes and plums. There will be about an average crop of apples. The land has been too wet and cold for seeding, and a large proportion of the oats have been seeded in poor condition. Farm animals are generally in poor condition; some severe cases of distemper among horses; otherwise farm animals are healthy and doing well.

**JOHNSON**—Wheat has not come through the winter in good condition, and from present prospects will not make much over three-fourths of an average yield per acre. Rye will make over three-fourths of an average yield per acre. Oats are up to an average in condition; the area is not as large as last season. Meadows and pastures are not up to an average, and the area is not as large as last season. The peach trees are nearly all winter-killed. The prospects are favorable for all kinds of fruit except peaches. The heavy rains have packed the ground, which does not pulverize well. Live stock is not up to an average in condition; no complaint of disease among farm animals; the number of hogs and sheep on hand is less than last season at corresponding date.

**KANE**—The small area of winter wheat in the county is nearly up to an average in condition; the same may be said of rye. Spring wheat is up to an average in condition, and the area is as large as last season. Oats look well, and the area is some larger than last season. The new seeding of clover looks well; there are but few complaints of clover being winter-killed. The area of meadows and pastures is as large as last season, and the condition is up to an average. The fruit buds promise a fair crop of most kinds of fruit. The soil is wet and compact, except where well drained. Farm animals are generally in good condition where they have been sheltered and properly cared for; some complaint of lameness of their cattle, supposed

to be caused by wading through the mud. The price of milk is lower in Chicago than for several years past; more milk is sold from this county than any other in the State. The number of hogs and sheep is less than last year at corresponding date.

**KANKAKEE**—Winter wheat of late has made rapid growth, and from present prospects will make over three-fourths of an average yield per acre. Rye is above an average in condition. Oats are up to an average in condition, and the area is some larger than last season. There is considerable complaint of clover being injured the past winter. Meadows and pastures are nearly up to an average in condition; the area of meadows is not quite as large as last season. Prospects are encouraging for a fine crop of cherries and small fruits; peach trees generally winter-killed. Farm animals are generally healthy and in good condition; there is a decrease in the number of horses, hogs and sheep compared with May, 1883, and an increase in the number of dairy cows. Spring work has been delayed by the cold, wet season; excepting the drained land, the soil is clammy and breaks up cloddy.

**KENDALL**—Winter wheat and rye are up to an average in condition. The area of spring wheat is not as large as last season; the condition promises an average yield per acre. Oats are nearly up to an average in condition, and the area is some larger than last season. Meadows look well, and the area is some larger than last season. Pastures, where not grazed too closely last fall and winter, are up to an average in condition. Pear and plum trees are nearly all dead, and many apple trees have been damaged by the severe winter. Blackberries, except the Snyder, are winter-killed; the apple and cherry buds appear to be uninjured; raspberries, strawberries and currants promise well; asparagus is large enough for the table. The soil plows up mellow and friable, and is in fine condition for planting. Some horses have died the past few weeks with pneumonia, and there are more complaints of lung complications than usual among horses; otherwise farm animals are generally healthy. Live stock, except hogs, are up to an average in condition; not as many hogs and sheep as last May.

**KNOX**—Winter wheat and rye are up to an average in condition. Spring wheat and oats would have been up to an average in condition but for want of sufficient rain; the area of spring wheat is as large as last season, and the late seeding of oats is some larger than that of 1883. Meadows and pastures are not up to an average in condition, and unless the grass has the benefit of more rain the hay crop will be limited. The prospects for fruit are encouraging; it is rather early to definitely determine the damage to fruit resulting from the severe winter. Farm animals are generally healthy, and with the exception of hogs and sheep, are up to an average in condition. There is a decrease in the number of hogs compared with May, 1883. The number of cattle and sheep is nearly as large as last season.

**LAKE**—Winter wheat and rye look well, and from present prospects will make an average yield per acre. Spring wheat has made good growth considering the cold, backward season, and is nearly up to an average in condition; the area is about the same as last season. Oats promise well,

and the late seeding is nearly as large as that of 1883. Barley is up to an average in condition, and the area is as large as that of the previous crop. Grass is making good growth, and with favorable weather meadows and pastures will soon be up to an average in condition. The severe winter damaged apple and cherry trees. Prospects are encouraging for a fair crop of small fruits. Soil is in good condition for plowing and planting; the fall plowed land is very compact. Farm animals are generally healthy, but not up to the average in condition owing to the cold, protracted winter and scarcity of corn. Not as many cattle, hogs and sheep on hand as in May, 1883. Some complaint of loss of lambs, owing to the poor condition of ewes.

**LASALLE**—About one-fourth of the wheat seeded last fall is winter-killed; the season has not been favorable for the growth of winter wheat, which, from present prospects, will not make much over three-fourths of an average yield per acre. Rye came through the winter in good condition and is above an average in condition. Spring wheat is making good growth, and with favorable conditions until harvest will make an average yield per acre; the area is not as large as last season. The late seeding of oats is some larger than last season, and from present prospects there will be nearly an average yield per acre. Grass has not made the usual growth, owing to the cold, wet spring, and meadows and pastures are not up to an average; the area of grass lands is about as large as last season. It is rather early to determine the prospects for fruit; the fruit buds of apples, currants and cherries appear all right, but are later than usual in putting out. The soil, except on drained land, is cold and compact, owing to the heavy and frequent rains. With the exception of some distemper among horses, farm animals are healthy and doing well. Cattle and hogs are not up to an average in condition, and the number is less than last season.

**LAWRENCE**—Weather of late has been favorable for wheat, which has made considerable improvement, and the prospects are now encouraging for three-fourths of an average yield per acre; the same may be said of rye. The area of oats is not as large as last season, but from present prospects there will be an average yield per acre. The area of barley is twenty per cent. less than last season, and the condition does not give encouragement for much over three-fourths of an average yield per acre. Grass has made good growth, and meadows and pastures are above an average in condition; the area of meadows is some larger than last season. The prospects are encouraging for nearly an average crop of all kinds of fruit except peaches. The soil is rather compact and does not plow up mellow except on drained land. There is but little complaint of hog cholera; otherwise farm animals are healthy and in thriving condition. There is an increase in the number of head of live stock compared with May, 1883.

**LEE**—The limited area of winter wheat is doing well and promises to make an average yield per acre; the same may be said of rye. The area of spring wheat is some larger than last season and the crop is above an average in condition. Oats are looking well and the area is considerably larger than that of last season. Barley looks well and the area is about the same as in 1883. Meadows and pastures are up



to an average in condition; owing to the cold spring grass is not as far advanced as usual. The fruit prospects are not encouraging; many complain that fruit trees are winter-killed. The soil does not plow up as mellow as usual; has been too cold and wet to give the ground much life. Farm animals wintered well and are in good condition; the number of cattle, hogs and sheep is not quite as large as last season.

**LIVINGSTON**—Wheat has made rapid growth of late and is up to an average in condition; same may be said of rye. The area of spring wheat is as large as last season; from present prospects there will be an average yield per acre. Oats are above the average in condition; the area is much larger than last season. The area of meadows and pastures is some larger than last season; the condition is nearly up to an average. The number of cattle on hand is less than last season at corresponding date; same may be said of milch cows; horses are up to an average in condition; number not quite as large as last May; mules are nearly up to an average in condition; the number is as large as last season; the number of hogs is one-fourth less than in May, 1883; hogs are nearly up to an average in condition; sheep are doing well; the number is less than last season in May. The prospects are encouraging for a fair crop of most kinds of fruit. The soil on drained land is in excellent condition for plowing and planting; there is complaint that the ground turns up lumpy and hard on undrained land.

**LOGAN**—Winter wheat has made satisfactory growth of late and where not winter-killed will make an average yield per acre; wheat sowed last season in standing corn looks much the best. Rye is up to an average in condition. Seed wheat soaked in strong salt brine has been sown and it is believed that such preparation of spring wheat will cause it to mature earlier and ripen before damaged by chinch bugs. Oats are nearly up to an average in condition; the area is some larger than last season. Meadows and pastures look well and the area is as large as in 1883; the grass is now needing rain. The early apple and cherry bloom is ten days later than in 1882, when the trees were in full bloom the 20th of April; prospects are encouraging for a fair crop of all kinds of fruit, except peaches. The ground pulverizes well and is in excellent condition for plowing and planting, especially on drained land. There are no complaints of disease among farm animals, which are up to an average in condition; the partial failure of the late corn crop has induced farmers to slightly reduce the number of farm animals as compared with May, 1883.

**MACON**—More wheat was winter-killed than anticipated one month ago; the crop has made considerable growth since the favorable war'n weather, and from present prospects will make nearly three-fourths of an average yield per acre. Rye is nearly up to an average in condition. Oats look well and the area is larger than last season. Meadows and pastures are about up to an average in condition and grass has made a good growth, considering the cold, backward spring. The peach fruit buds winter-killed; apple bloom is about up to an average; it is rather early to determine the prospects for other kinds of fruit. Excepting drained land the ground is rather heavy; owing to the limited freezing of

the soil last winter, the ground being protected by the snow most of the winter. Farm animals are generally healthy and in medium condition; the number of cattle, hogs and sheep is considerably reduced when compared with May, 1883.

**MACOUPIN**—The prospects are encouraging for more than three-fourths of an average yield per acre of wheat; the cold, backward spring has not been favorable for the growth of wheat. The condition of rye gives encouragement for three-fourths of an average yield per acre. Oats have not made satisfactory growth and from present prospects will not make much over three-fourth of an average yield per acre; the area is one-fourth less than last season. The area of meadows and pastures is some larger than in May, 1883; meadows look well and pastures are nearly up to an average in condition. The bloom indicates an average crop of cherries and apples; peaches generally winter-killed; there will be more than an average crop of all kinds of small fruit, except grapes. The soil is wet and mucky, except on drained land; no corn planted worthy of mention. Farm animals are in fair condition; sheep are not doing as well as usual, and the number is not as large as in May, 1883; cattle are nearly up to an average in condition and the number is about as large as last season; horses are in good condition, the number is less than last season; same may be said of mules; the number of hogs is nearly one-fifth less than last spring; condition of hogs nearly up to an average.

**MADISON**—Wheat is spotted and rather thin on the ground, and from present prospects will not make much over three-fourths of an average yield per acre. Rye is nearly up to an average in condition. The area of oats is some larger than last season, and the crop is nearly up to an average in condition. Meadows and pastures look well, considering the cold, backward season. Pastures that were grazed too late in the fall are very short, and show the effect of such practice. The area of meadows is some larger than last season. There will be no peaches, and but few blackberries. The bloom indicates an average crop of apples, cherries, plums, pears, currants and gooseberries. The undrained ground works heavy, and very little land has been plowed for corn owing to the continued rains. Farm animals are healthy, with some few cases of distemper in a mild form with young horses. More attention is being paid to stock breeding, and the number of farm animals on hand is larger than last season.

**MARION**—Considerable wheat has been plowed up this spring, and the land is being seeded to other crops, largely oats; the prospects are not encouraging for two-thirds of an average yield per acre. The area of oats is larger than last season, and prospects are good for nearly an average yield per acre. The area of meadows and pastures is not quite as large as last season; grass has made good growth, and there will be an average yield per acre of hay. Prospects are encouraging for a good crop of apples, cherries, strawberries and the hardier varieties of raspberries; peaches are winter-killed. The soil, except on drained land, is wet and compact, and works to much disadvantage. Farm animals are generally healthy; cattle and sheep are not up to an average in condition. The number of horses, cattle and sheep is nearly as large as last season.



**MARSHALL**—The limited area of winter wheat is much above an average in condition. Spring wheat looks well, and the area is larger than last season. Rye is up to an average in condition. The area of oats is some larger than last season, and from present prospects there will be more than an average yield per acre. Meadows and pastures are nearly up to an average in condition; the area of meadows is much larger than last season. The season has not been favorable to the rapid growth of grass, owing to the cold spring. The soil is in good condition for plowing and planting; is needing rain at present. Prospects are good for all kinds of fruit except peaches; there is considerable complaint that some varieties of apple and cherry trees were winter-killed. Farm animals are generally healthy and in fair condition; the number of hogs is much less than last season at corresponding date; the number of horses is some larger than last May.

**MASON**—Winter wheat is small, but of late has been making satisfactory growth, and with favorable conditions will make an average yield per acre. Rye is up to an average in condition; the area is quite limited. The area of oats is some larger than last season, and from present prospects there will be nearly an average yield per acre. The area of meadows and pastures is some larger than in 1883; condition nearly up to an average. The season is backward, and the dry, cold weather has not been favorable for spring work. Spring plowing is well advanced, and some have commenced planting corn. Drained land pulverizes well; there is considerable complaint that on wet land the soil is hard, compact and cloddy. Peaches are generally winter-killed. Prospects are encouraging for a fair crop of apples, pears, cherries and small fruits. Cattle are nearly up to an average in condition; number not quite as large as in May, 1883. The number of dairy cows is as large as last season; condition about up to an average. Horses look well; number about as large as last spring. Hogs are nearly up to an average in condition; the number is one-fourth less than at corresponding date in 1883.

**MASSAC**—Winter wheat prospects are not flattering, and at present do not give encouragement for much over three-fourths of an average yield per acre. Rye will not make three-fourths of an average yield per acre. The area of oats is not as large as last season; from present prospects there will be about an average yield per acre. The area of meadows and pastures is some larger than last season, and the condition is nearly up to an average. The bloom of apples, plums, quinces and cherries is abundant; no peaches or blackberries from present prospects. The soil on drained land pulverizes well and is in excellent condition. Stock generally healthy and in fair condition; owing to scarcity of feed more stock is in thin condition than usual. Cattle are nearly up to an average in condition; the number is not as large as last season. There is an increase in the number of dairy cows as compared with May, 1883. Horses look well, and the number is as large as usual. Hogs are nearly up to an average in condition, and the number on hand is some larger than in May, 1883. Sheep are rather thin but doing well; the number on hand is not quite as large as last season.

**MCDONOUGH**—Winter wheat has made good growth since the seasonable weather,

and from present prospects will make more than an average yield per acre. Rye is up to an average in condition. The area of spring wheat is one-fourth less than last season, and from present prospects there will not be much over three-fourths of an average yield per acre. There is a large increase in the area of oats compared with the seeding of 1883. The area of meadows and pastures is about the same as last year. Grass is hardly up to an average in condition, owing to the cold, backward spring. Prospect is not encouraging for a large crop of fruit; many fruit trees were killed during the past severe winter. The soil is in fair condition for spring plowing and planting; rain is needed to make the ground pulverize well. Farm animals are in medium flesh; no complaints of disease. There is a decrease in the number of all kinds of stock since last May, except milch cows. The partial failure of corn has had the effect to reduce the number of head of stock.

**McHENRY**—The few pieces of winter wheat in the county look well, and the present condition promises more than an average yield per acre. Rye has made a good growth, and will, with favorable conditions until harvest, make more than an average yield per acre. Spring wheat looks well, and the area is as large as last season. The area of oats is larger than in 1883, and from present prospects there will be an average yield per acre. Meadows and pastures are nearly up to an average in condition, and since the warm weather grass has made very rapid growth. Cattle are about up to an average in condition, and the number is as large as last season. There are more dairy cows than in May, 1883; condition good. Horses look well, and the number is nearly as large as last season. Not as many mules on hand as in May, 1883; condition good. Hogs are not in good condition, and the number on hand is less than last season. Sheep came through the winter in fair condition; the number is not as large as in May, 1883.

**McLEAN**—Winter wheat on timber or tile-drained land looks well; the prospects are encouraging for over three-fourths of an average yield per acre for the entire county. Rye looks better than wheat, but will hardly make an average yield per acre. Oats are not quite up to an average in condition, owing to the cold, backward spring; the area is some larger than last season. Grass has not made the usual growth, but has been doing well since the warm, seasonable weather. There is a slight increase in the area of meadows and a decrease in the area of pastures as compared with last season. The soil is in good condition, especially the tile-drained land, and farmers are busy planting a larger area of corn than last season. The apple bloom is large; it will be difficult for some time to determine the effect of the cold winter on other varieties of fruit. Farm animals are generally healthy and in good condition. The number of head of horses, cattle, sheep and hogs is less than in May, 1883.

**MENARD**—Prospects are encouraging for an early and abundant wheat harvest; wheat has made good growth and is above an average in condition; there are some complaints of injury by the Hessian fly in some fields. Rye is up to an average in condition. The area of spring wheat is as large as last season and from present prospects there will be an average yield per acre. The area of oats is some larger than

last season; oats are in fine condition. The area of meadows and pastures is not quite as large as last season; grass has not made usual growth, owing to the cold, wet spring, but of late has made rapid growth. Peach trees generally killed; blackberry cane injured by severe winter; the apple bloom is large; it is early to determine the prospects for small fruits. Excepting on drained land the soil is packed hard and does not pulverize well, owing to want of freezing during the past winter; the ground was covered with snow during most of the severe cold weather the past winter. Farm animals are generally healthy, but thin in flesh; the number of horses, hogs and sheep is less than last season at corresponding date.

**MERCER**—Winter wheat is up to an average in condition; same may be said of rye. The area of oats is nearly as large as last season, and from present prospects there will be nearly an average yield per acre. The area of meadows and pastures is some larger than last season; grass has made considerable growth, considering the cold, backward spring and is nearly up to an average in condition. The apple bloom is large; some varieties of small fruits injured during the past winter; peach trees generally winter-killed. The soil works well and some drier than for several springs past. Farm animals are generally healthy; some cases of distemper of a mild form among farm animals; there is a decrease in the number of head of cattle, horses, hogs and sheep compared with same date last season; farm animals, except hogs, are nearly up to an average in condition.

**MONROE**—Winter wheat has made considerable growth during the past month and from present prospects will make an average yield per acre. Rye is above an average in condition. The area of oats is nearly as large as last season; the crop has not made the usual growth, owing to the cold, backward season. Barley is up to an average in condition and the area is as large as last season. The area of meadows is some larger than last season and the condition promises more than an average yield of hay per acre; pastures are nearly up to an average in condition, and the area is as large as last season. The fruit buds give encouragement for about an average crop of all kinds of fruit, except peaches. Spring work has been delayed by the wet, cold spring. Farm animals are hardly up to an average for the season, owing to the scarcity of corn; health of stock generally good; the number of head farm animals is not quite as large as last season at corresponding date.

**MONTGOMERY**—Wheat on the prairie or exposed hillsides was injured during the winter; the wheat that was protected looks well and bids fair to make an average yield per acre; there will not be over three-fourths of an average yield per acre for the county. Rye looks more promising than wheat, but will not make an average yield per acre. The area of oats is twenty per cent. less than last season and the condition does not give encouragement for much over three-fourths of an average yield per acre. The season has not been favorable for the growth of small grain until recently. Meadows and pastures are in good condition and the area is about the same as last season. Apple trees are full of bloom; pears, plums, currants, raspberries and gooseberries promise full crop; no

peaches. The soil, except where well drained, is cold and compact, the result of the heavy spring rains; the drained lands plow up fine and mellow. Farm animals are generally healthy; there has been more complaint than usual of young colts dying; live stock is not up to an average in condition, owing to the long, cold winter and the scarcity of corn; the number of cattle and sheep is less than last season.

**MORGAN**—The prospects are encouraging for more than an average yield per acre of winter wheat. Rye is up to an average in condition. The area of oats is about as large as last season. Meadows and pastures are up to an average in condition, and since the warm, sea-sonable weather grass has made rapid growth. Prospects are good for nearly all kinds of fruit except peaches. Excepting the drained lands, the soil is cold, wet and compact, and does not plow to advantage. Live stock is not in as good flesh as usual, owing to the cold winter and poor quality of corn; there is no complaint of disease among farm animals; there is a decrease in the number of horses, hogs and sheep when compared with May, 1883.

**MOULTRIE**—Wheat is generally thin on the ground, and from present prospects there will not be much over three-fourths of an average yield per acre. Rye came through the winter in good condition, and promises an average yield per acre. The area of oats is about one-fourth less than the seeding of 1883; oats have not made good growth, owing to the cold, backward spring. The area of meadows and pastures is not as large as last season. Grass has of late made considerable growth, and with favorable weather will soon be up to an average in condition. There will be no peaches, but a fair crop of apples, cherries and pears. The soil on drained land is mellow and in good condition for plowing and planting; the frequent rains have made the undrained land hard and compact. Farm animals are healthy, but as a rule thin in flesh, owing to the long, cold winter, and scarcity of good corn. The number of horses, cattle, sheep and swine is less than last May.

**OGLE**—Winter wheat is nearly up to an average in condition; the area is quite limited. The prospects are encouraging for more than an average yield per acre of rye. Spring wheat looks well, and the area is some larger than last season. The area of oats is some larger than last season; the crop has not made good growth, and from present prospects will not make much over three-fourths of an average yield per acre. Barley is nearly up to an average in condition, and the area is as large as in May, 1883. Meadows and pastures are later than usual in starting, but since the warm weather commenced grass has made rapid growth, and the prospects are good for an average yield per acre of hay; the area of meadows and pastures is about as large as last season. The fruit buds indicate an average crop of nearly all kinds of fruit. The ground has been too wet and cold to plow to advantage, and spring plowing has been retarded. With the exception of some lung trouble among horses this spring, farm animals are healthy and doing well; hogs are not quite up to an average in condition. The number of cattle, hogs and sheep is less than last season.

**PEORIA**—Winter wheat is nearly up to an average in condition, and is making satis-



factory growth, considering the cold, dry and backward spring. Rye is nearly up to an average in condition. The area of oats is some larger than last season, and the prospects are encouraging for nearly an average yield per acre. The area of meadows is not as large as last season; meadows and pastures are much below an average in condition, owing to the unfavorable season. There is considerable complaint of clover being winter killed. Grass is needing rain; the ground has been too dry and hard for meadows and pastures to make usual growth. Peaches are generally winter-killed; other fruits promise well. It is rather early to determine the fruit prospects. The soil on undrained land is hard and cloddy; the drained land pulverizes well, and will make a good seed bed for spring crops. The condition of farm animals is about up to an average; the number of cattle, hogs and sheep is less than last season at corresponding date.

PERRY—There are a few fields of wheat, sheltered by timber belts, that will make nearly an average yield per acre; the crop for the county will not make much over two-thirds of an average yield per acre; wheat on the prairies does not look as well as that on timber land. Rye was not as badly winter-killed as wheat and will, judging from present prospects, make over three-fourths of an average yield per acre. Oats are up to an average in condition and the area is some larger than last season. Meadows and pastures are nearly up to an average in condition; the area is some larger than last season. More attention has been paid of late to stock and the grazing land of the county will be increased. Farm animals are generally healthy and in good condition. There is an increase in the number of milch cows; the partial failure of the corn crop has induced farmers to reduce the number of hogs, as compared with May, 1883; not as much interest in sheep breeding as formerly and consequent reduction in the number of sheep; the low price of wool and the high price of mutton will have a tendency to change the character of breeding. Prospects are encouraging for all kinds of fruits, except peaches and blackberries. The heavy spring rains have delayed spring plowing and planting, except on drained land.

PIATT—Wheat that has had protection is doing well, especially where sowed among standing corn; the wheat on stubble ground is thin and spotted; from present prospects there will be more than three-fourths of an average yield per acre; about one-fourth of the wheat seeded last fall was winter-killed. Rye is nearly up to an average in condition. The area of oats is some larger than last season and from present prospects there will be about an average yield per acre. Meadows and pastures are nearly up to an average in condition; the area of meadows is not quite as large as last season and the area of pastures is some larger. The prospects are encouraging for a fair crop of nearly all kinds of fruit, except peaches. The soil does not work to advantage, except on drained land, owing to the frequent cold rains. Oats were generally seeded in bad condition, owing to the ground being wet. Farm animals are generally healthy and in good condition; the number of cattle, horses and hogs is less than last season.

PIKE—The stand of wheat is very uneven and fields look spotted, owing to the wheat being winter-killed; the prospects

are not encouraging for two-thirds of an average yield per acre. Rye is up to an average in condition. The area of oats is some larger than last season and from present prospects there will be nearly an average yield per acre. The area of meadows and pastures is not as large as last season; clover is badly winter-killed, and timothy meadows will not make an average yield per acre; pastures have not made usual growth, owing to the backward season. The prospects are encouraging for an average crop of plums, cherries and pears, a few grapes and blackberries and no peaches; the apple bloom gives encouragement for a fair crop. The soil is hard and wet, excepting the drained lands, which plows up mellow and fine. Farm animals are generally healthy, excepting a few cases of cholera among hogs; stock is in good condition for the season; the number of cattle, hogs and sheep is not as large as last season in May.

POPE—Winter wheat has been favored with frequent showers and "growing weather" the past month and has made some improvement, and with continued good weather will make more than three-fourths of an average yield per acre. The area of oats is some larger than last season and the crop is nearly up to an average in condition. The area of meadows is some larger than in 1883; grass has not made usual growth and the prospects are not encouraging for an average yield per acre of hay. Peach trees generally winter-killed; apples and cherries will not make much over three-fourths of an average crop. The soil does not pulverize well, owing to the frequent rains, which have made the ground compact. Farm animals are healthy and nearly up to an average in condition; the number of hogs is some larger than in 1883, and the number of sheep is less than last season.

PULASKI—Winter wheat is making satisfactory growth, and from present prospects will make more than an average yield per acre. Rye is up to an average in condition. Spring wheat looks well, and the area is as large as last season. The area of oats is some larger than last season, and the crop is up to an average in condition. Barley is up to an average in condition, and the area is as large as in 1882. Meadows and pastures look well, and the area is some larger than in 1883. Peaches are generally winter-killed. The apple bloom is large. Pears about half a crop. Some orchards have been injured by caterpillars. The prospects are encouraging for a good crop of all kinds of small fruit. Farm animals are healthy and are nearly up to an average in condition. The number of horses and hogs is less than last season at corresponding date.

PUTNAM—Nearly — per cent. of the area of wheat seeded last fall has been killed, and the area not plowed up promises nearly an average yield per acre of wheat. Rye is up to an average in condition. The area of spring wheat is nearly as large as last season; the crop is nearly up to an average in condition. Oats look well, and the area is as large as last season. The area of meadows is not as large as last season; grass has made good growth and is up to an average in condition. The apple and pear bloom is large. Peach trees were winter-killed. There will not be an average crop of cherries. Prospects are encouraging for a fair crop of small fruits. Farm



animals are generally healthy and in fair condition. The number of cattle, hogs and sheep is not as large as last season. The soil is in good condition for plowing and planting, except where tramped by stock during the wet weather the past winter and spring.

**RANDOLPH**--Winter wheat is nearly up to an average in condition; the area winter-killed will not exceed ten per cent. of the late seeding; wheat is not making rapid growth, and the prospects are not favorable for an early harvest, which, by many wheat growers, is generally considered as indicative of a poor yield. Rye is nearly up to an average in condition. The area of oats is some larger than last season, and from present prospects there will be more than an average yield per acre. The area of meadows and pastures is some larger than last season; grass has made good growth, and there will, with favorable conditions, be more than an average yield per acre of hay. This is the "off year" for apples, and there will be but a limited supply. There will be some cherries, and a medium crop of strawberries, gooseberries and currants. The ground has been too wet to plow for some time; the ground worked to advantage during the two weeks that farmers were sowing oats. Farm animals are healthy, excepting a few cases of hog cholera among hogs. More Clydesdale stallions brought into the county this season than usual; some Normans have been purchased; mules are scarce. Farmers find that it pays better to raise Clydesdales than mules, and are engaging largely in the business. There is an increase in the number of dairy cows and hogs compared with May, 1883, and a slight decrease in the number of sheep.

**RICHLAND**--In the timber land where wheat was protected there will be some good pieces of wheat, but on the prairies the wheat was badly winter-killed; the early sown wheat was injured by the Hessian fly. The prospects are not encouraging for much over half an average yield per acre on the wheat land not seeded to other crops; over one-half the area seeded to wheat last fall was winter-killed or destroyed by the Hessian fly. Rye will make nearly three-fourths of an average yield per acre. The area of oats is much larger than last season; the prospects are encouraging for nearly an average yield per acre. The area of meadows is some larger than last season; grass has made slow growth and is not up to an average in condition. Soil is in good condition for plowing and planting, and corn is being planted rapidly. Prospects are good for nearly all kinds of fruit except peaches. Farm animals are generally healthy and nearly up to an average in condition; the number of cattle, sheep and hogs is less than last season. There is considerable complaint that colts are dying; the mares do not give sufficient milk to sustain the colts.

**ROCK ISLAND**--The area of winter wheat is not large, and from present condition there will not be much over three-fourths of an average yield per acre. Rye is nearly up to an average in condition. The area of spring wheat is some larger than last season and the crop is doing well; with favorable conditions there will be an average yield per acre. Oats are nearly up to an average in condition; the area is as large as last season. The area of meadows is not quite as large as in 1883; grass has not made usual growth, owing to the cold,

backward spring. Apple, cherry and pear trees give promise for an abundant bloom; peach trees winter-killed; it is rather early to determine the prospects for small fruits. Drained land blows up mellow and fine; the low, undrained land is cloddy and hard to work. Farm animals are generally healthy, but in rather thin condition, owing to the scarcity of corn; there is a large decrease in the number of hogs and sheep, compared with same date last season.

**SALINE**--Winter wheat is making good growth and from present prospects will make over three-fourths of an average yield per acre; about fifteen per cent. of the late seeding was winter-killed. Rye is up to an average in condition. The area of oats is not as large as in 1883, and the condition does not give encouragement for much over three-fourths of an average yield per acre. The area of meadows and pastures is not as large as last season; the growth of grass has been slow, owing to the cold, backward season. There will be no peaches; the apple, pear, cherry and plum trees are full of bloom. The drained land is in fine condition for plowing and planting; the frequent rains have kept undrained lands too wet for plowing and delayed planting. Farm animals are up to an average in condition; the number of cattle, horses, hogs and sheep is not as large as last season.

**SANGAMON**--Wheat on high and exposed land is generally winter-killed; nearly fifteen per cent. of the area seeded last fall will not pay for harvesting and the land will be devoted to other crops; the condition of wheat not damaged by the winter gives encouragement for an average yield per acre. Rye is up to an average in condition. The area seeded to spring wheat is as large as last season; the crop is in fine condition. Oats are not up to an average in condition and the area is less than last season; oats were not put in to the best advantage, owing to the wet condition of the land at time of seeding. The area of meadows is nearly as large as last season; grass is growing finely and the prospects indicate an average yield per acre of hay. The apple bloom for most varieties is abundant; some tender varieties of small fruits are winter-killed; no peach bloom. Excepting the drained lands the soil is cold, damp and packed; farm animals are generally healthy and in medium flesh; the number of cattle, hogs and sheep is not as large as last season; the number of horses is some larger than in May, 1883.

**SCHUYLER**--On rolling land and ridges from which the snow was blown off the wheat the plant is winter killed; on level land, except the very latest sown, it is in good condition and will make an average yield per acre. Rye is up to an average in condition. The area of oats is some larger than last season and the prospects are encouraging for an average yield per acre. Grain and grass would have been much benefited by more rain. The area of meadows and pastures is some larger than last season; the condition is nearly up to an average. Fruit prospects are good for medium crop of all kinds of fruit, except peaches. Farm animals are nearly up to an average in condition; the partial failure of corn crop last season has had the effect to reduce the number of head of live stock when compared with previous May.

**SCOTT**--About one-fourth of the wheat seeded last fall is winter-killed; wheat is rather thin on the ground and from pres-

ent prospects will not make much over three-fourths of an average yield per acre; wheat is not in as promising condition as one month ago. Rye is nearly up to an average in condition. The area of oats is as large as last season and the crop is nearly up to an average in condition. The area of meadows and pastures is not quite as large as last season; the growth of grass until late has been quite slow, owing to the cold, wet spring; there are some complaints of clover being winter-killed. There will be no peaches; prospects are good for apples, plums, pears and cherries. The soil is generally in good condition for plowing and planting, especially the drained land. Farm animals are generally healthy and in fair condition; the number of head of live stock is not quite as large as last season at corresponding date.

**SHELBY**—The condition of winter wheat has improved very much of late and the condition gives encouragement for over three-fourths of an average yield per acre; fully one-fourth of the late seeding of wheat was winter-killed. Rye is nearly up to an average in condition. The area of oats is not as large as last season; with favorable conditions until harvest there will be nearly an average yield per acre of oats. The area of meadows and pastures is nearly as large as last season; grass is not quite up to an average in condition, owing to the backward season. Peaches generally winter-killed; prospects, judging from the fruit bloom, are encouraging for most kinds of fruit, except peaches. The soil is rather too wet, except on drained land, to plow, and corn planting where the land is not drained will be delayed. In some localities horses have been troubled with distemper and spinal affection; the scarcity of corn the past winter has induced farmers to reduce the number of head of farm animals.

**STARK**—But little winter wheat grown in the county; rye and winter wheat are up to an average in condition. The area of oats is much larger than last season; the condition promises nearly an average yield per acre. Spring wheat is nearly up to an average in condition; the area is about as large as last season. Barley looks well; the area is not quite as large as in 1883. Meadows and pastures are up to an average in condition, and the area is nearly as large as last season. The fruit buds indicate a fair crop of nearly all kinds of fruit. The soil is rather cold and compact, except where well drained. Farm animals are generally healthy and in good condition; the number of horses, hogs and sheep is not quite as large as in the spring of 1883.

**ST. CLAIR**—Wheat has made slow growth owing to the cold, backward season and from present prospects will hardly make three-fourths of an average yield per acre. Rye is up to an average in condition. The area of oats is one-fourth less than last season; with favorable weather there will be nearly an average yield per acre. Grass has not made usual growth and meadows and pastures are not quite up to an average in condition; old clover was generally winter-killed. Prospects are encouraging for most kinds of fruit, except peaches, which were winter-killed. The land, except where drained, has been too wet to plow and crops will be late. There are more complaints than usual of abortion among mares; the number of foals this spring will be less than usual. Farm animals are generally healthy and up to an average in con-

dition; the number of hogs and horses is not quite as large as in May, 1883.

**STEPHENSON**—Winter wheat is nearly up to an average in condition and the area winter-killed was small. Rye looks well. Spring wheat is up to an average in condition and the area is as large as last season. Oats are nearly up to an average in condition; the area is some larger than last season. Barley looks well; the area is much less than last season. Meadows and pastures are about up to an average in condition; the area is as large as in 1883. The fruit buds of the leading varieties of fruit give encouragement for a fair crop. The soil turns up mellow and in fine condition for planting. Farm animals are healthy and with the exception of hogs are up to an average in condition; there is a decrease in the number of cattle, hogs and sheep as compared with May, 1883.

**TAZEWELL**—Wheat has not made usual growth, owing to the cold, backward spring; the wheat has of late made rapid growth and has good color; with favorable conditions until harvest there will be an average yield per acre; nearly one-fifth of the late seeding of winter wheat was winter-killed. Rye is nearly up to an average in condition. The area of oats is much larger than last season; the prospects are fair for an average yield per acre. Barley is nearly up to an average in condition; the area is as large as that of 1883. The area of meadows and pastures is some larger than last season; grass has made good growth and there will be an average yield per acre of hay. Peach trees are generally winter-killed; the fruit buds of other varieties of fruit give encouragement for a fair crop of nearly every kind of fruit. Farm animals are healthy, with the exception of a few cases of distemper of a mild form; excepting horses there is a decrease in the number of farm animals, compared with May, 1883, owing largely to the scarcity of corn.

**UNION**—Over ten per cent of the wheat seeded last fall was winter-killed; the growing crop of wheat will, with favorable conditions until harvest, make over three-fourths of an average yield per acre; the stand of wheat is not even and many fields are spotted. Rye is nearly up to an average in condition. Oats are up to an average in condition and the area is as large as last season. Barley looks well and the area is as large as last season. Meadows and pastures look well; the area is about the same as in 1883. Caterpillars have seriously injured some orchards in the county; peach trees are generally winter-killed; where the trees have not been damaged there is more than an average bloom of apples, pears and cherries. The undrained land is clammy and in bad condition for plowing and planting. Farm animals are about up to an average in condition; the number of hogs and sheep is some larger than in May, 1883.

**VERMILION**—Over one-half the wheat seeded last fall was winter-killed and the wheat that was not plowed under will not make three-fourths of an average yield per acre. Rye looks but little better than wheat. The area of spring wheat is one-half larger than last season; spring wheat is much above the average in condition. Oats are above an average in condition and the area is nearly fifty per cent. larger than in 1883. Meadows and pastures are nearly up to an average in condition; the area of meadows is some larger than last season. Prospects are encouraging for all kinds of



fruit, except peaches. The soil is in good condition for plowing and planting and the crops are being seeded in excellent order. Farm animals are in good condition and there are no complaints of disease among live stock; there is a slight increase in the number of sheep, when compared with May, 1883, and not as many hogs; an unusual amount of attention is given to the breeding of horses, especially of the draft breeds.

**WABASH**—Winter wheat on black ground generally promises well, but on upland and on the prairies the early sown wheat was injured by the Hessian fly and the late seeding was badly winter-killed; the prospects are not encouraging for three-fourths of an average yield per acre. Oats look well, and the area is some larger than last season. The area of meadows and pastures is as large as last season; old clover meadows are winter-killed; young clover and timothy meadows are nearly up to an average in condition. The bloom gives encouragement for a good crop of all kinds of fruit except peaches. Soil is in fair condition for spring work; the undrained lands are cold and compact; some farmers have commenced planting corn. Farm animals are not quite up to an average in condition. Stock is generally healthy; there is much complaint that mares are losing their foals, and that the mares do not give sufficient milk to sustain colts. The number of horses, cattle and hogs is not quite as large as in May, 1883.

**WARREN**—The small area of winter wheat growing in the county is up to an average in condition. Rye looks well. The area of spring wheat is as large as in 1883, and the prospects are encouraging for an average yield per acre. Oats are above an average in condition, and the area is 20 per cent. larger than last season. The area of meadows and pastures is some larger than last season; grass has made good growth, and with continued favorable weather there will be an average yield per acre of hay. The prospects are encouraging for an average crop of all kinds of fruit except peaches. The soil is rather dry and hard, and does not pulverize as well as usual. Some farmers commenced planting corn the 28th of April. Farm animals are healthy and in good condition; the number of cattle, hogs and sheep is not as large as in 1883; the number of horses is larger than last season.

**WASHINGTON**—Wheat has made some improvement since the late rains, but with favorable conditions will not make over three-fourths of an average yield per acre; the late sown wheat more generally winter-killed; nearly one-fourth of the late seeding was winter-killed. Rye is nearly up to an average in condition. Oats look well, and the late seeding is larger than that of the previous year. The area of meadows and pastures is some larger than last year; grass has made good growth since the warm, seasonable weather, and the prospects are encouraging for an average yield per acre of hay. Prospects are good for a fair crop of apples, cherries and plums. Drained land is in good condition for plowing and planting; the wet land is cold, compact and lifeless. Cattle and sheep are in thin flesh; other stock in fair condition. There is a decrease in the number of cattle, hogs and sheep compared with May, 1883.

**WAYNE**—Wheat is badly winter killed, especially on the prairies, and the wheat not plowed under is patchy; there are a few fields of wheat on the timber land that are in fair condition; the small area not plowed up will make but little over half an average yield per acre. Rye is up to an average in condition; about one-half the area seeded last fall was winter-killed. Oats are up to an average in condition, and the area is much larger than last season. The area of meadows and pastures is some larger than last season; old clover was badly winter killed; timothy and newly seeded clover meadows are up to an average in condition. The prospects are encouraging for a fair crop of apples, pears, plums and cherries; peach trees winter-killed; blackberries, raspberries and strawberries look well; grape vines promise well. The wet weather has greatly retarded spring work, and many have not finished sowing oats. Farm animals are generally up to an average in condition and healthy; some complain of an unusual number of mares losing their colts. There is an increase in the number of cattle, hogs and sheep compared with May, 1883.

**WHITE**—The stand of wheat is uneven, and about one-fifth of the area seeded to wheat last fall was winter-killed; wheat is making rapid growth, and from present prospects the area not plowed under will make three-fourths of an average yield per acre. Rye is nearly up to an average in condition. The area of oats is some larger than last season, but owing to the backward season oats have not made the usual growth. The area of meadows and pastures is some larger than last season; grass has been making rapid growth since the warm weather, and will soon be up to an average in condition. Peach trees and blackberry bushes were badly winter-killed; there will be a small crop of raspberries, and a good crop of apples, cherries, plums and strawberries. Soil, especially on drained land, pulverizes well, and farmers are well advanced with corn planting. Farm animals are healthy and up to an average in condition. The number of cattle, horses and hogs is not as large as in May, 1883; more sheep on hand than usual at this season of the year.

**WHITESIDES**—Winter wheat is not grown to any considerable extent in the county; about one-half the late seeding was winter-killed, and the wheat not plowed up will not make over half an average yield per acre. Rye is up to an average in condition. The area of spring wheat is not as large as last season; the condition of the crop gives encouragement for an average yield per acre. The area of oats is some larger than last season; the crop is up to an average in condition. Barley looks well; the area is not as large as last season. Meadows and pastures are above an average in condition; the area of grass lands is some larger than in 1883. The prospects are fair for the hardy varieties of fruit; cherries, plums and pears are generally winter-killed. Rolling or drained land plows up mellow; the undrained land is compact and cloddy. Farm animals are generally healthy; cattle, hogs and sheep are not quite up to an average in condition. Farmers have reduced the number of head of live stock since May, 1883.

**WILL**—Rye is up to an average in condition. The area of spring wheat is as large as last season, and from present prospects



there will be an average yield per acre. Oats are above an average in condition, and the area is larger than that of the preceding year. Old clover is winter-killed. Grass has not made the usual growth owing to the cold, backward season. The area of meadows is as large as last season, and the area of pastures is nearly as large as in 1883. It is rather early to determine the fruit prospects; the fruit buds that are developed promise a fair crop. Excepting the low, wet, claymy lands, the soil pulverizes well and appears to be in excellent condition for planting. Farm animals are healthy and in good condition; there is an increase in the number of horses, and a decrease in the number of hogs and sheep compared with May, 1883.

**WILLIAMSON**—Most of the winter wheat was sown late to avoid the Hessian fly; the wheat sown early was badly injured by the Hessian fly, and the late seeding was damaged by the severe winter; nearly one-third of the area seeded last fall was winter-killed and the wheat not plowed up will not make much over half an average yield per acre. Rye promises about three-fourths of an average yield per acre. Oats are up to an average in condition and the area is some larger than last season. The area of meadows and pastures is some larger than last season; grass is not quite up to an average in condition, owing to the backward season; old clover is winter-killed. Apples, cherries, pears and plums promise well; peach trees are generally winter-killed, also blackberry bushes. The frequent rains have kept the ground too wet for plowing much of the season. Farm animals are generally in good health and nearly up to an average in condition; the number cattle, horses, hogs and sheep on hand is less than in May, 1883.

**WINNEBAGO**—Winter wheat is nearly up to an average in condition; the plant is rather small, owing to the cold, backward spring. Rye is up to an average in condition. The area of spring wheat is nearly up to an average in condition and the area is as large as last season. Oats promise well; the area is some larger than last season. Barley is up to an average in condition and the area is as large as in 1883. Meadows and pastures are about up to an average in condition; the area of pastures is some larger than last season. The fruit buds are not sufficiently developed to determine the prospects for fruit. Farm animals are healthy and in good seasonable condition; the number of cattle and hogs is less than last season at corresponding date. Undrained land is cold and compact and works to disadvantage, owing to the frequent rains during the late winter and early spring.

**WOODFORD**—Winter wheat that was not plowed under is nearly up to an average in condition; about one-fifth of the late seeding of wheat was winter killed. Rye is nearly up to an average in condition. Spring wheat looks well and the area is as large as last season. Oats are about up to an average in condition and the area is some larger than that of the previous year. Barley is nearly up to an average in condition and the area is as large as in 1883. Meadows and pastures are not up to an average in condition, owing to the cold, backward season; the area of meadows is as large as in 1883. Prospects are encouraging for a good apple crop. The soil is mellow and in fine condition for plowing and planting. Cattle are rather thin in flesh; horses, hogs and sheep are nearly up to an average in condition; the number of farm animals on hand is not as large as in May, 1883.

*SUMMARY of Meteorological Observations for the month of April, 1884, made to the Illinois Department of Agriculture, Springfield, May 1, 1884. Hours for taking Observations: 7 A. M., 2 P. M., 9 P. M.*

STATIONS.	Elevation above sea level.....	BAROMETER.			THERMOMETER.			HUMIDITY.	* WIND.		RAIN.		Total snowfall, in inches, during the month.....
		Highest barometer during month.....	Lowest.....	Mean.....	Highest temperature.....	Lowest.....	Mean.....		Prevailing.....	Maximum veloc'y or force.....	Total rainfall or melted snow.....	No. of days on which 0.01 or more rain or melted snow fell.....	No. of days on which cloudiness aver'g'd 0.8 or more on a scale of ten.....
	Feet.	Inch	Inch	Deg.	Deg.	Deg.	Deg.	Per cent.	Direction.	Miles	Inch	No.	No.
NORTHERN DIVISION.													
County.	Postoffice.												
McHenry.....	Marengo.....	925		77.30	25.50	43.70			NE	6	2.83	10	13
DeKalb.....	Sycamore.....	800		77.00	28.80	44.80			NE	5	4.06	9	15
Cook.....	Chicago.....	657	30.383	29.280	29.900	44.30	67.50		E	5	3.05	13	
Kane.....	Aurora.....	676	30.310	29.270	29.900	44.30	67.50		NE	5	2.59	12	15
Warren.....	Monmouth.....	700	29.700	28.830	29.374	80.00	49.63		NW	5	1.48	8	14
Peoria.....	Peoria.....	400	29.831	28.951	29.548	85.00	51.30	63.00	NW & S	5	2.62	11	13
Average.....		30.076	29.068	29.695	79.91	27.55	46.87	68.83	NE	5	2.77	10	14
CENTRAL DIVISION.													
Menard.....	Petersburg.....	544	30.450	29.620	30.035	80.00	50.38		NE	4	.20	1	18
Logan.....	Atlanta.....			82.00	30.00	48.41			NE		1.74	10	18
Sangamon.....	Springfield.....	614	30.228	29.420	29.966	80.00	51.80	62.90	NE	5	2.49	11	
Pike.....	Griggsville.....	625	30.300	29.540	30.040	80.00	48.66		NE	4	3.30	11	16
Christian.....	Pana.....	760		83.00	33.00	56.00			NW & SE	6	2.58	9	22
Coles.....	Mattoon.....	724		83.00	30.00	51.00			N & SE		3.56	9	
Average.....		30.346	29.527	30.014	81.33	30.53	51.04	62.90	NE	5	2.33	8	17

SOUTHERN DIVISION:

SOUTHERN DIVISION.										
Crawford.....	Palestine.....	85.56	33.00	51.06	W	4	3.16	10	12	25
Bond.....	Greenville.....	84.50	34.00	52.59	SE & W	.....	4.16	6	17	20
St. Clair.....	Muscouth.....	76.00	30.00	.....	SE & W	.....	5.30	.....	.....	1.00
Marion.....	Centralia.....	80.06	32.00	51.50	SW & NW	4	2.12	9	14	25
Perry.....	Swanwick.....	80.00	36.00	52.50	NW	5	2.12	9	13	.....
Hamilton.....	McLeansboro.....	84.00	30.00	52.53	NW & NE	5	2.95	13	14	.....
Union.....	Anna.....	83.00	31.00	54.74	NW	4	3.80	9	14	.....
Pope.....	Golconda.....	85.00	37.00	55.37	NW & E	5	4.95	11	15	.....
Alexander.....	Cairo.....	80.00	37.70	59.20	NW	6	3.65	.....	.....	.....
Average.....	.....	83.00	33.41	53.31	NW	5	3.57	9	14	.....
State Average.....	.....	81.58	30.16	50.40	NE & NW	5	2.89	9	15	.....

\*WIND.—Maximum velocity or force is estimated as follows: 1. Very light breeze, varies between 1 and 2 miles per hour. 2. Gentle breeze, varies between 3 and 5 miles per hour. 3. Fresh breeze, varies between 6 and 14 miles per hour. 4. Strong wind, varies between 15 and 29 miles per hour. 5. High wind, varies between 30 and 39 miles per hour. 6. Gale, varies between 40 and 59 miles per hour. 7. Strong gale, varies between 60 and 69 miles per hour. 8. Violent gale, varies between 70 and 79 miles per hour. 9. Hurricane, varies between 80 and 99 miles per hour. 10. Most violent hurricane, varies from 100 upwards.



*Distribution and Amount of Precipitation for April, 1884, reported to the Illinois Department of Agriculture, by Volunteer and Signal Service Observers.*

STATIONS.		● RAINFALL, OR MELTED SNOW, IN INCHES AND HUNDRETHS, ON DAYS IT OCCURRED.																															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Total	
NORTHERN DIVISION.																																	
County. Post-office.																																	
McHenry	Marengo	.33	.12					.05	.45							1.48	.02		.02												.56		2.83
DeKalb	Sycamore	.40	.05					1.00							.50	.72	.10		.10			.01									1.18		4.06
Cook	Chicago	.34	.15					.14	.11			.02			1.74	.15			.12		.28												3.05
Kane	Aurora	.07	.19					.07	.24			.02			.02	1.18	.02		.15		.07										.55	.01	2.59
Warren	Monmouth	.54	.21																.20		.22										.15		1.48
Peoria	Peoria	.51						.08	.10			.03			.05	.10			.16		.20										.06	1.33	2.62
CENTRAL DIVISION.																																	
Menard									.20																								
Logan	Atlanta	.33	.07					.10	.05			.07	.06							.80	.20		.05										.20
Sangamon	Springfield	.49	.09					.03	.11		.01	.20	.06		.17				.05	.63	.20		.40	.04									1.14
Pike	Griggsville	.10						.04		.05		.48			.55				.11	.59		.02	.42	.65							.05	.93	3.39
Christian	Paula	.25										.25								.08	.75		1.00										
Coles	Mattoon	.07	.06					.02	.10			.18			1.08	.03			.09		.96		.97	.02							.01		3.56
SOUTHERN DIVISION.																																	
Crawford										.02		.01		.04		.03	1.00			.25		.25				.60							3.10
Bond	Greenville											.75			.74				.68	.62		.75		.62								4.16	
St. Clair	Mascoutah										.50		.40	.60		.40			.80	.20	.10	.30		.80	.20						1.60	5.30	
Marion	Centralia								.10			.27		.10	.13		.60		.27				.30	.15						.20			
Perry	Swanwick	.06						.03	.22			.42			.58				.27		.02		.52										2.12
Hamilton	McLeansboro	.20						.12			.22	.55	.03	1.35				.12	.05	.04	.04	.03	.03	.18	.04								2.96
Union	Anna	.24	.05								.18	.56			1.40				.52			.55		.10	.01								3.80
Pope	Golconda	.41												.74		1.39			1.08		1.05										.03	.14	4.95
Alexander	Cairo					.01			.01		.11	.31			1.26	.14			.98			.63	.69	.02							.07	.02	3.65

## REMARKS FOR APRIL.

**McHENRY COUNTY**—Jno. W. JAMES, Observer, Marengo. April 1, temperature of a well 34 feet deep, 46° 2; of a well 90 feet deep, 48° 3. Snow fell on the 8th and 20th. The snow storm of the 8th was the heaviest I ever saw in April, but the snow was very light, making not more than half the usual quantity of water. The first thunderstorm of the season occurred on the evening of the 12th; moderate lightning and distant thunder. Thunderstorms also on the 14th and 29th. Ice  $\frac{1}{4}$  inch thick on the 21st, and as thick as a pane of glass on the 22d. Solar halos were observed on the 12th, 17th and 21st, and auroras on the 17th and 24th. Polar bands were seen on the 23th and 30th. On the 30th the thermometer rose from 45° 7 at 5 A. M. to 77° 3 at 2 P. M., a rise of 31° 6 in 9 hours. The highest temperature of the month was 77° 3; the lowest, 25° 5. The mean temperature of April, 1884, 43° 7, was 0° 6 below the mean of 23 Aprils past, and its total precipitation, 2.83 inches, was 0.21 more than the mean rainfall for the same time. The total depth of snow was the greatest I have ever recorded in April. The winds for April, 1884, were north 4 times, northeast 26, east 17, southeast 3, south 9, southwest 2, west 9, northwest 9, and calm 2 times. There were 7 clear, 10 fair and 13 cloudy days.

**DEKALB COUNTY**—ROSWELL DOW, Observer, Sycamore. Thunderstorms on the 14th and 29th. Rain or snow in quantities to measure fell on 9 days, and in smaller quantities on 2 other days. Ten inches of snow fell on the 8th. Total precipitation for the month, of 4.06 inches, was 0.65 inches more than April, 1883. Highest temperature, 77°, on the 30th; lowest, 28° 8 on the 8th. The mean temperature, 44° 86, was 1° 56 below the mean of April, 1883. Frosts on 15 days of the month. Aurora on the 21st. Prevailing wind, northeast. The wind was north 6 times; northeast, 23; east, 9; southeast, 12; south, 7; southwest, 7; west, 10; northwest, 8, and calm 3 times. Maximum force, 5, on the 27th. There were 6 clear, 9 fair, and 15 cloudy days. Eave swallows came on the 19th.

**COOK COUNTY**—T. B. JENNINGS, Sergeant Signal Corps, U. S. A., Chicago. Thunderstorms on the 14th and 15th. Halo on the 1st. Lunar halo on the 6th. Highest daily mean barometer, 30.320, on the 21st, and lowest daily mean, 29.370, on the 15th. Highest daily mean temperature, 67.05 on the 30th, and lowest daily mean, 35.05, on the 2d. Mean temperature of the month, 0° 92 below the April mean of the previous 11 years. April, 1878, was the warmest, 52° 3, and 1874 the coldest, 38° 7. Mean precipitation for the month, 0.53 inches less than the April average for the same period. 1882 was the wettest, 6.72 inches, and 1881 the driest, 1.84 inches. Highest velocity of wind, 36 miles per hour, from the west. Total movement for the month, 6,364 miles.

**WARREN COUNTY**—SMITH & DUNBAR, Observers, Monmouth. Highest daily mean barometer, 29.650; lowest daily mean, 28.930. Highest temperature during the month, 80°, on the 30th; lowest, 24°, on the 8th. Highest daily mean temperature, 72°, on the 30th, and lowest daily mean, 33°, on the 8th. Prevailing wind during month, northwest; maximum velocity, 5. Total precipitation, 1.48 inches. 2½ inches of snow fell during the month. Rain or snow fell on 8 days. Thunderstorm on the 29th and lunar halo on the 27th.

**PEORIA COUNTY**—FRED BRENDEN, Observer, Peoria. Highest barometer during the month, 29.881, on the 20th; lowest, 28.951, on the 15th; mean, 29.548. Highest temperature, 85°, on the 30th; lowest, 31°, on the 8th. The mean temperature, 51° 9, was 2° 1 below the mean of April, 1883. The mean humidity of the month was 63. The wind was from the northwest and south, each, 19 times, and its maximum velocity between 30 and 40 miles per hour. Total precipitation was 2.62 inches. Rain fell on 11 days. There were frosts on the 3d and 8th, and a thunderstorm on the 30th.

**MENARD COUNTY**—JAS. D. WHITLEY, Observer, Petersburg. Highest barometer, 30.500, on the 21st; lowest, 29.620, on the 15th; mean monthly barometer, 30.035. Highest temperature, 80°, on the 30th; lowest, 32°, on the 8th. Highest daily mean temperature, 72°, on the 30th, and lowest daily mean, 37° 5, on the 20th. Only 0.20 inches of rain fell during the month. Of 90 observations of the weather, 32 were clear, 2 fair, and 56 cloudy.

**LOGAN COUNTY**—R. W. BURT, Observer, Atlanta. Highest temperature during the month, 82°, on the 30th; lowest, 30°, on the 8th; mean, 48° 41. Highest daily mean temperature, 69°, on the 30th, and lowest daily mean, 35°, on the 20th. Prevailing wind was northeast. Rain or snow fell on 10 days, and the total precipitation was 1.74 inches. The total snowfall for the month was 3 inches. There were frosts on April 2, 3, 8, 11, 20. Thunderstorms on the 19th and 29th. Pears were blooming on the 30th.

**SANGAMON COUNTY**—WILLIAM NORRINGTON, Sergeant Signal Corps, U. S. A., Springfield. Highest thermometer, 80°, on the 30th; lowest, 32° 2, on the 8th. The mean temperature, 51° 8, was 2° 4 below that of April, 1883, and 2° 19 below the April average of the four years past, only April, 1881, being lower. Highest barometer, 30.228, on the 20th; lowest, 29.420, on the 1st. Highest daily mean barometer, 30.159, on the 10th and 21st; lowest daily mean, 29.516, on the 1st. The prevailing wind was northeast. Highest velocity, 32 miles per hour, west, on the 14th and 22d. The total movement during the month was 7,806 miles. Rain or snow fell on 14 days. Precipitation for the

month, 2.49 inches. Thunder storms April 1, 14 and 30. Frosts, April 3, 17 and 22. Lunar halos on the 6th, 27th and 28th.

**PIKE COUNTY—A. MONROE,** Observer, Griggsville. Highest barometer, 30.360, on the 3d; lowest, 29.540, on the 14th. Highest daily mean barometer, 30.200, on the 21st; lowest, 29.010, on the 1st. Highest temperature during the month, 80°, on the 30th; lowest, 24°, on the 8th; mean temperature, 48°.66, is 4°.34 below the mean of April, 1883. Prevailing wind, northeast. The precipitation, 3.39 inches, is 2.09 inches less than for April, 1883. Rain or snow fell on 11 days. Thunder storms occurred on the 14th and 30th. Frosts, April 2, 3, 7, 8, 9, 10, 11, 22, 24, 25. Solar halos were noticed April 6, 7, 23. Of 90 observations of the winds, they were from the northeast 23 times; east, 7; southeast, 19; south, 4; southwest, 12; west, 7; northwest, 13, and north, 5 times.

**CHRISTIAN COUNTY—J. K. EGGLE,** Observer, Pana. Highest temperature during month, 83°, on the 30th; lowest, 33°, on the 8th; mean, 56°. Prevailing winds, northwest and southeast; maximum velocity, 40 miles per hour. Total precipitation, 2.58 inches. Rain fell on 9 days. Thunderstorm on the 1st, accompanied by hail; hailstones the size of a large hazelnut fell for 10 minutes; the storm came up from the south, but the wind veered rapidly around to the northwest and blew a gale for the next 24 hours. Frosts, April 2, 3 and 11. Lunar halo on the 28th. Fog on the 19th. Winds, followed by rain, s. e. and n. e.; by clear or fair weather, w. and n. w.

**COLES COUNTY—WM. DOZIER,** Observer, Mattoon. Highest temperature, 83°, on the 30th; lowest, 30°, the mean, 51°, is 2°.8 below the April average of the last 5 years. Prevailing winds, north and southeast. The precipitation for the month, 3.56 inches, is 0.31 inches less than the April average for five years past. Rain or snow fell on 9 days; the snowfall of the month was 0.50 inches. Thunder storms, April 1, 14 and 29. Frosts, April 3, 6 and 8. Lunar halos on the 6th and 30th. Prevailing winds, north and southeast. Of 90 observations the wind was from the north 15 times; n. e. 7; east, 5; s. e. 16; south, 4; s. w. 4; west, 10; n. w. 6, and calm 25 times.

**CRAWFORD COUNTY—J. E. TEMPLETON,** Observer, Palestine. Highest temperature during month, 80°.5, on the 30th; lowest, 33°, on the 8th; the mean temperature, 51°.05, is 4°.63 below the mean of April, 1883. Highest daily mean temperature, 70°.1, on the 30th; lowest, 35°.5, on the 8th. Prevailing wind, west. Rain or snow fell on 10 days; the total precipitation being 3.10 inches; the snowfall was 0.25 inches. Thunder storms, April 5, 14 and 15. Frosts, April 2, 6, 17 and 28. Lunar halos on the 6th and 30th. Whippoorwills were seen on the 18th. Wild plums in bloom on the 28th and dog-wood on the 30th. Of 90 observations of the weather, 31 were clear, 6 fair and 53 cloudy.

**BOND COUNTY—JOHN B. WHITE,** Observer, Greenville. Highest temperature, 81°.5, on the 30th; lowest, 34°, on the 8th. Highest daily mean temperature, 74°.37, on the 30th, and lowest daily mean 35°, on the 8th; mean, 52°.59. Prevailing winds of the month were southeast and west. Rain fell on 6 days; total precipitation, 4.16 inches. On the 8th, ice formed in tubs 1.16 of an inch thick; on the 22d snow flakes fell from 9:20 A. M. to 10:15 A. M. Currants were in bloom on the 18th, gooseberries on the 20th, plums

on the 24th, May cherries, 26th; pears, 27th; Morello cherries, 28th; strawberries and Siberian crabs on the 29th, and apples 28th to 30th.

**ST. CLAIR COUNTY—GEORGE LEIBROCK,** Observer, Mascoutah. Highest temperature, 76°; lowest, 30°. Total rainfall or melted snow, 5.30 inches; 0.30 inches snow fell during the month. Thunder storms, April 13, 18 and 30.

**MARION COUNTY—J. L. HALLAM,** Observer, Centralia. Highest temperature, 89°, on the 30th; lowest, 32°, on the 8th; the mean temperature, 51°.60, is 3°.4 below the mean of April, 1883. Prevailing winds were from the southwest and northwest. Rain or snow fell on 9 days; the precipitation, 2.12 inches; although the rainfall was so light, the soil was completely soaked with water. There was a light thunder storm on the 18th, the only one during the month. The month has been remarkable for the absence of thunder and lightning. Frosts, April 2, 3, 4, 5, 6, 7, 8, 9. Of 90 observations of the weather, 38 clear, 4 fair and 48 cloudy. At the close of the month the leaves of the shade and forest trees were only about half developed, being at least a week behind the usual time.

**PERRY COUNTY—J. C. ELLIOTT,** Observer, Swanwick. Highest temperature during month, 80°, on the 30th; lowest, 36°, on the 8th and 10th. Highest daily mean temperature, 72°.5, on the 30th, and lowest daily mean, 47°.2, on the 22d; the mean, 52°.5, is 3°.9 below that of April, 1883. Precipitation during month, 2.12 inches. Rain and snow fell on 9 days. Thunder storms on the 14th and 18th. Frosts on the 3d and 11th. Solar halos, April 11, 15, 17, 29 and 30. Lunar halos, April 3 and 6. Of the winds for the month, they were northwest, 18 times; southeast, 17; south, 16, and northeast, 13 times. Winds, followed by rain, northeast and southeast; by clear or fair weather, west.

**HAMILTON COUNTY—W. P. GIBBS,** Observer, McLeansboro. Highest temperature during the month, 84°, on the 29th; lowest, 30°, on the 11th; highest daily mean, 72°.2, on the 30th, and lowest, 35°, on the 8th. Greatest daily range, 32°, on the 17th, and least daily range, 6°.5, on the 2d. Prevailing winds for the month, northwest and northeast. The precipitation, 2.96 inches, was 0.23 inches less than in April, 1883. Rain fell on 13 days. Thunderstorms April 1, 14, 18 and 26. Frosts April 3, 4 and 25. 2 inches snow fell on the 8th. Solar halos on the 11th and 30th, and lunar halo on the 6th. The spring is unusually backward. Whippoorwills were first heard on the 16th. There were 14 cloudy days, 8 fair and 8 nearly clear days in April.

**UNION COUNTY—JNO. D. NEWBIGIN,** Observer, Anna. Highest daily mean barometer, 30.210; lowest, 29.650. Highest daily mean temperature, 74°; lowest, 39°.2. The mean temperature of the month, 54°.74, is 2°.69 below the April average for the previous 9 years, and the rainfall, 3.80 inches, is 0.80 inch less than the average for the same period. Thunderstorms April 1, 14, 18, 20 and 23. Rain on the 11th and frosts on the 3d and 18th. Lunar halo on the 6th. During the thunderstorm of the 1st a horse was killed by lightning 2½ miles south of town, and a barn set on fire.

**POPE COUNTY—J. E. Y. HANNA,** Observer, Golconda. Highest temperature of



the month, 85°, on the 29th; lowest, 37°, on the 10th. Highest daily mean temperature, 74°.75, on the 30th, and lowest daily mean, 37°.5, on the 11th. The monthly mean, 55°.37, is 2°.74 below the April mean of the past 6 years. The total rainfall during the month, 4.95 inches, is 0.37 inches greater than the average for the same period. Thunderstorms April 1, 14, 18, 26 and 28. Frosts on the 3d and 11th. Solar halo on the 7th. Of 90 observations of the weather, 32 were clear, 10 fair and 48 cloudy. Plum trees in bloom on the 3d, cherries on the 12th, pears on the 17th, apples on the 20th, and quinces on the 26th. Fire-flies appeared on the 26th.

ALEXANDER COUNTY—WM. H. RAY, Sergeant Signal Corps U. S. A., Cairo. Lightning and thunder occurred on April 5, 14, 17, 18, 27 and 28; frosts on the 3d and 11th; solar halos on the 5th, 27th and 29th; lunar halos on the 3d, 6th and 29th. Highest barometer, 30.219, on the 11th; lowest, 29.440, on the 14th. Highest daily mean barometer, 30.192, on the 3d, and lowest

daily mean, 29.597, on the 14th. Highest temperature, 80°, on the 30th, and lowest, 37°.7, on the 10th. Highest daily mean temperature, 72°.8, on the 30th, and lowest daily mean, 42°.3, on the 22d. The mean temperature of the month, 56°.2, is 2°.26 below the April average of 13 years past; 1878 was the warmest, 64°.3, and 1874 the coldest, 52°. The precipitation for the month, 3.65 inches, is 0.70 inches less than the average for the same period; 1874 was the wettest, 8.12 inches, and 1876 the driest, 2.67 inches. There were 5 clear, 14 fair and 11 cloudy days. Highest velocity of wind, 48 miles per hour, northwest, on the 2d. Winds of 25 miles and over per hour, and direction, occurred as follows: On the 1st, west, 40 miles per hour; 2d, northwest, 48 miles; 14th, south, 32 miles; 15th, west, 46 miles; 20th, north, 25 miles; 21st, northeast, 35 miles; 22d, northeast, 28 miles; 26th, south, 28 miles; 27th, west, 28 miles per hour. Total movement for the month, 7,193 miles. Stage of water in the river during the month: Highest water, 47 feet 11 inches; lowest, 37 feet 7 inches.

## CIRCULAR.

ILLINOIS STATE LABORATORY OF NATURAL HISTORY,  
OFFICE OF STATE ENTOMOLOGIST,  
NORMAL, 15th May, 1884.

Not doubting that the crop reporters of the State Department of Agriculture, and many other intelligent agriculturists to whom this report may come, will be glad to promote the work of this office so far as they may have opportunity, I respectfully suggest the following topics, upon which I would especially like information during the present season:

1. THE CORN PLANT-LOUSE (*Aphis maidis*).

This is a minute green or greenish insect, too well known to require minute description. It makes its first appearance, often in great numbers, upon the roots of corn as soon as they begin to form, and also attacks the sprouting stalk beneath the ground at that season. In July and August it appears upon the leaves at the tip of the growing stalk, at first concealed within the rolled bases of the youngest leaves, from which it sucks the sap, but later spreading to their exposed surfaces and clustering upon the tassels and in the silk. In autumn it is most abundant in the husks of the greener ears.

a. I would like especially to learn whether the root-form of this insect has been known to do any appreciable damage early in the season upon ground not in corn or grass the preceding year, and if so, I would like the fullest particulars of such occurrence.

b. If this insect, or any insect supposed to be the same, is found upon *any other plant* than corn, I will be greatly obliged to the finder if he will send me in alcohol a few specimens from that plant, with the particulars of his observations. Its occurrence in pastures, upon some of the pasture grasses, is strongly suspected, but not yet proven.

2. THE HESSIAN FLY (*Cecidomyia destructor*).

The exact life history of this insect in Illinois is not yet made out; and although all possible arrangements have been made to obtain it in full this summer, yet the farmers in whose fields the pest occurs in any stage, either as fly, egg, maggot, or "flaxseed," may help to insure success by sending me examples of the insect from time to time, or of the grain or stubble containing it. The specimens may be sent in alcohol; the plants or straw in well-wrapped packages.

More definite and positive recommendations for the control of this destructive enemy of agriculture must wait for the full settlement of the details of its life history.

3. A serious injury to young corn, not yet fully understood, was noticed last year; and upon this I would like all the information possible. This injury takes the form of a constriction, or even of a blackening and partial withering of the stem *under the ground*, between the first or seed roots and the circle of roots next above the seed. The plant is often killed in consequence of this condition, or, more frequently, retarded in growth and dwarfed in development.

Any observer who will send me, *in alcohol*, stems of corn or sorghum so affected, together with any insects found on or about them under circumstances to make it likely that they are in any way connected with this injury, will deserve my best thanks.

4. An unexplained and very serious injury to the roots of sorghum is likewise commended to the attention of those disposed to close observation. In looking over a field

in July, patches of dwarfed stalks will often be seen, on which the lower roots are found to be wholly dead, only the upper circle of those latest formed having any appearance of life, and perhaps not more than one or two of these. This damage is possibly done by root-lice early in the season, and possibly is of a fungous character. The remarks made with reference to specimens of the last injury, will also apply to this.

Finally, I again respectfully urge those in whose behalf this office was established, and in whose interest it is maintained, to multiply its chances for usefulness, as they may easily do, by habitually referring to us such facts of insect injury and habit as come under their observation. If a tithe of the clues to new and important knowledge of insects which fall into the hands of farmers and gardeners could be passed on to those prepared and eager to follow them out, the progress of economic entomology would be greatly stimulated, and the interests of agriculture promoted in a corresponding degree.

S. A. FORBES,

*State Entomologist.*

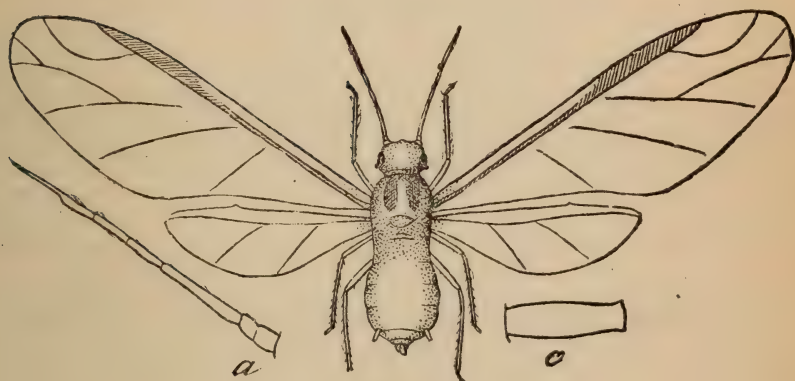


Fig. 1.



Fig. 2.

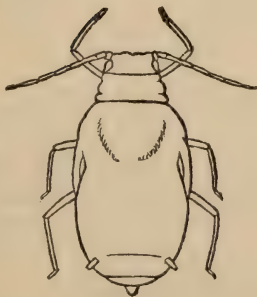


Fig. 3.

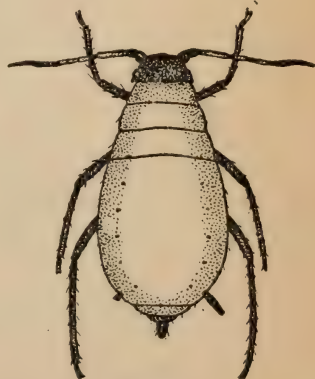


Fig. 4.

Fig. 1. The Corn Plant Louse, *Aphis maidis*, winged viviparous female; magnified twenty-three diameters; a, antenna; c, honey-tube, more highly magnified.

Fig. 2. *Aphis maidis*, wingless female.

Fig. 3. The same, pupa.

Fig. 4. The same, root form, wingless female.



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CIRCULAR NO. 112.

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# ILLINOIS CROP PROSPECTS.

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Consolidation of Reports returned to the Department of Agriculture  
June 1, 1884.

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## SEASON.

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The mean temperature of the State for the month is  $2^{\circ}.76$  above the May average of 1883 and 1882, is  $4^{\circ}.27$  below the mean of the four years next preceding, and  $1^{\circ}.65$  below the mean of the past seven years. 1882 was the coldest,  $58^{\circ}$ , and 1881 the warmest,  $69^{\circ}.20$ .

The following table gives the mean temperature for May at the several stations in each of the divisions of the State during the past seven years:

Division.	1878	1879	1880	1881	1882	1883	1884
Northern.....	57.00	59.00	65.00	65.80	55.13	55.52	59.55
Central.....	68.00	66.00	69.00	69.90	67.40	59.74	60.91
Southern.....	55.00	64.00	70.00	17.80	61.50	61.81	61.34
Average.....	63.30	63.00	68.00	69.20	58.00	59.69	61.60

May, 1884, was colder than any preceding May since 1877, with the exception of 1882 and 1883.

The warmest May during the past seven years was in 1881, and the coldest in 1882.

## RAINFALL.

The rainfall of the State for May, 1884, is nearly one-third of an inch less than the May average for the past seven years.

The following table gives the average rainfall for May at the several stations in each of the divisions of the State during the past seven years:

Division.	1878	1879	1880	1881	1882	1883	1884
Northern.....	4.33	4.16	4.45	2.56	3.05	6.34	3.38
Central.....	5.69	0.98	5.94	2.07	8.63	5.45	4.39
Southern.....	6.01	2.24	5.21	2.95	6.09	5.19	5.04
Average.....	5.34	2.46	5.20	2.52	6.59	5.66	4.27

The heaviest rainfall in May during the past seven years was 6.59 inches, in 1882; the lightest rainfall was 2.46 inches, in May, 1879.

The average monthly rainfall for the past seven years is 4.57 inches.

## TEMPERATURE.

The following tables give the mean temperature of the State by divisions for the past seven years, for the months of January, February, March, April and May:

## NORTHERN DIVISION.

The mean temperature in the Northern Division of the State the past five months of 1884 was higher than in the same months of 1883 and 1879, and lower than for corresponding period in 1878, 1880, 1881 and 1882, as may be seen in the following table:

Month	Mean temperature.						
	1878.	1879.	1880.	1881.	1882.	1883.	1884.
January.....	27.00	14.00	35.00	26.70	24.42	10.65	12.92
February.....	33.00	20.00	30.00	19.10	35.84	18.71	23.99
March.....	45.00	35.00	33.00	28.80	37.80	30.39	32.72
April.....	53.00	46.00	49.00	40.80	48.55	48.13	46.87
May.....	57.00	59.00	65.00	65.80	55.13	55.52	59.55
Mean.....	43.00	34.80	42.40	36.24	40.35	32.68	35.21

## CENTRAL DIVISION.

The mean temperature in the Central Division of the State for the months of January, February, March, April and May of 1884 was higher than for corresponding months in 1879, 1881 and 1883, and lower than for same months in 1878, 1880 and 1882, as may be seen in the following table:

Month.	Mean temperature.						
	1878.	1879.	1880.	1881.	1882.	1883.	1884.
January.....	29.00	18.00	41.00	16.00	28.68	18.78	18.87
February.....	37.00	27.00	35.00	24.10	39.00	27.08	29.75
March.....	43.00	40.00	39.00	33.00	42.94	36.52	36.98
April.....	58.00	51.00	52.00	45.20	53.44	53.18	57.04
May.....	58.00	60.00	69.00	69.90	57.41	59.74	60.91
Mean.....	46.00	40.40	47.20	37.64	44.29	39.06	40.71



## SOUTHERN DIVISION.

The mean temperature in the Southern Division of the State for the first five months of 1884 was higher than for the corresponding months in 1881, and lower than for the same months in 1878, 1879, 1880, 1882 and 1883, as may be seen in the following table:

Month.	Mean temperature.						
	1878.	1879.	1880.	1881.	1882.	1883.	1884.
January .....	36.00	29.00	48.00	23.60	33.81	26.38	23.48
February .....	37.00	35.00	41.00	31.30	43.67	34.52	36.75
March .....	53.00	46.00	43.00	41.30	48.76	41.08	44.98
April .....	60.00	55.00	57.00	53.30	58.55	57.40	53.31
May .....	65.00	64.00	70.00	71.80	61.49	63.81	64.34
Mean .....	50.20	45.80	51.80	44.26	49.25	44.64	44.57

## RAINFALL.

The table on page 33 of this report gives the distribution of rainfall in May at the several stations throughout the State where observations are made.

The rains were quite general over the State on the 1st, 4th, 5th, 6th, 13th, 18th, 19th, 21st and 25th.

There were showers in portions of the State on each day in May excepting on the 15th, 16th, 20th, 29th, 30th and 31st, and so slight as to be hardly worthy of mention on the 8th, 9th, 14th, 24th and 28th.

The distribution of rainfall over the State during the past seven years for the months of January, February, March, April and May is given in the following tables:

## NORTHERN DIVISION.

The average monthly rainfall in 1884 to May 30 is less than that of the corresponding period in 1880, 1881, 1882 and 1883, and more than in 1878 and 1879, as may be seen in the following table:

Month.	Average Rainfall and Melted Snow at Stations.						
	1878.	1879.	1880.	1881.	1882.	1883.	1884.
January .....	0.40	0.70	3.36	1.49	1.33	1.92	1.00
February .....	1.11	1.35	2.05	4.76	1.83	4.41	2.36
March .....	2.44	1.10	2.44	3.96	3.81	0.69	3.41
April .....	3.72	2.13	4.29	1.81	4.55	3.26	2.77
May .....	4.33	4.16	4.45	2.56	5.05	6.34	3.38
Average .....	2.40	1.89	3.32	2.92	3.31	3.32	2.58

## CENTRAL DIVISION.

The average monthly rainfall of 2.82 inches in 1884 to May 30, is less in the Central Division of the State than that of any corresponding period since 1877, with the exception of 1879. The average monthly rainfall in the Central Division from January 1 to May 30 for a term of seven years is given in the following table:

Month.	Average Rainfall and Melted Snow at Stations.						
	1878.	1879.	1880.	1881.	1882.	1883.	1884.
January .....	0.91	0.79	2.82	0.90	1.84	1.38	0.82
February .....	2.77	0.78	2.82	4.90	5.49	6.53	3.02
March .....	3.72	1.70	2.50	4.72	5.15	1.25	2.61
April .....	3.63	1.99	4.29	1.89	4.14	4.66	2.39
May .....	5.69	0.98	5.94	2.07	8.63	5.45	4.39
Average .....	3.34	1.25	3.67	2.89	5.05	3.85	2.82

## SOUTHERN DIVISION.

The precipitation in the Southern counties during a period of seven years has been greater than in the Central and Northern Divisions of the State.

The average monthly rainfall of 3.93 inches in 1884 to May 30 is less in this division than that of the corresponding period of 1882 and 1883, and more than that of same period in 1878, 1879, 1880 and 1881, as may be seen in the following table:

Month.	Average Rainfall and Melted Snow at Stations.						
	1878.	1879.	1880.	1881.	1882.	1883.	1884.
January .....	3.08	3.30	3.80	1.56	4.55	2.05	1.77
February .....	2.75	2.66	3.31	4.33	7.61	8.23	5.78
March .....	2.00	2.10	3.88	2.58	4.66	2.85	3.47
April .....	5.20	2.41	3.22	4.11	2.84	4.59	3.57
May .....	6.01	2.24	5.21	2.95	6.09	5.19	5.04
Average .....	3.81	2.54	3.88	3.11	5.15	4.58	3.93

## CORN.

The area of corn is not as large as last season. In twenty counties the area is five per cent. larger than last season, in thirty-nine counties the area is the same as in 1883, and in twenty-nine counties the area is five per cent. less than that of the previous crop. In the remaining fourteen counties the area is from ten to thirty per cent. less than last season.

Corn is not up to an average in condition in one-third of the counties in the State. The condition gives encouragement for an average yield of corn per acre in twenty-six counties; ten per cent. more than an average in four counties, and fifteen per cent. more than an average yield per acre in one county. In fifteen counties there will be five per cent. less than an average yield per acre; ten per cent. less in six counties; fifteen per cent. less in twenty-four counties; twenty per cent. less in twenty-two counties, and thirty-five per cent. less in three counties.

The condition of corn the first of June in the Northern counties is some better than at corresponding dates in 1881, 1882 and 1883.

In the Central division of the State corn looks much better than on the first of June 1882 and 1883. The most discouraging prospects for corn are reported from the Southern counties.

The reports of correspondents from localities where attention has been given to drainage give very encouraging prospects for a large yield per acre of corn on tile drained and. On tiled lands there has been no delay from rains in planting and cultivating corn. The promising condition of corn on tile drained land when compared with the poor stand of corn on the same character of land in adjoining fields without drainage is conclusive evidence in favor of thorough drainage.

The area of corn in the northern division of the State is nearly as large as last season. In the counties of Iroquois, Knox, Mercer, Peoria, Putnam and Warren there is a slight increase in the corn area as compared with that of 1883. The quality of seed corn planted in this division is nearly up to an average. The condition of corn in the northern counties was nearly up to an average the first of June, and more promising than on the first of June during the preceding three years. Corn is up to an average in condition, or better in the counties of DeKalb, Grundy, Henderson, Iroquois, Kankakee, Knox, Lee, Marshall, Rock Island, Stark, Warren and Woodford. The most discouraging prospects for corn in the northern division are reported in the counties of Whiteside, Du Page, and Will. The cause of the partial failure in obtaining a good stand of corn in Whiteside county is largely attributable to the inferior quality of seed corn.

The area of corn in the central division is not as large as last season. The quality of much of the seed planted was not up to an average, and there is considerable complaint of poor stand of corn. The condition of the crop June 1 promised an average or better yield per acre in only six of the central counties, viz: DeWitt, Ford, Hancock, McDonough, Tazewell and Vermilion. The condition of corn the first of June in the central counties was better than at corresponding date in 1883 and 1882, and nearly as good as on the first of June, 1881. The poorest prospects in this portion of the State are reported in the counties of Jersey, Macoupin, Calhoun, Douglas, Brown and Montgomery, in which about three-fourths of an average yield per acre is promised. The area of corn in the southern counties is as large as last season. The condition of the crop gives encouragement for but little over three-fourths of an average yield per acre. The condition of corn in this portion of the State was not as promising June 1 as at corresponding dates in 1883 and 1882. The condition of corn was not up to an average in but one southern county, viz: Washington. In the counties of Clinton, Franklin, Gallatin, Jasper, Marion and Pope the condition indicates about three-fourths of an average yield per acre of corn.

## BROOM CORN.

This crop is reported in only forty-one counties in the State. There is an increase of ten per cent. in the area of this crop in Moultrie county as compared with 1883. In twenty-four counties the area of broom corn is the same as last season. The area is five per cent. less in four counties; ten per cent. less in three counties, fifteen per cent. less in two counties; twenty per cent. less in six counties, and thirty-five per cent. less in one county.

The condition June 1 gave encouragement for an average yield per acre in eighteen counties, ten per cent. less than an average in eight counties, twenty per cent. less in five counties, and twenty-five per cent. less in four counties and fifty per cent. less in three counties. The area and condition of each county reporting this crop is given on page 28 of this report.

## SORGHUM CANE.

This crop is reported as receiving more or less attention in ninety-two counties. There is an increased area in twenty counties as compared with 1883. The area is the same as last season in forty-eight counties and less than last season in the remaining twenty-four counties. There will be five per cent. more than an average yield per acre in one county. The condition was up to an average in thirty-three counties—five per cent. below an average in thirteen counties—ten per cent. below an average in twelve counties—fifteen per cent. below an average in fifteen counties—twenty-five per cent. below an average in seven counties, and fifty per cent. below an average in four counties.

## WINTER WHEAT.

There has been no improvement in the condition of winter wheat in the northern division of the State during the past month.



In the central and southern divisions of the State the condition of wheat is not as favorable as on the first of last month.

There is considerable complaint of the appearance of an unusually large amount of chaff in the wheat in the central and southern counties which was not discovered until the grain commenced heading.

Since the first of May a large area of winter wheat has been plowed up and the land planted to corn.

The winter wheat in the northern counties came through the winter in better condition than in the central and southern divisions, and with continued favorable season there will be nearly an average yield per acre. The prospects are encouraging for more than an average yield per acre in the counties of Grundy, Jo Daviess, Marshall, McHenry and Ogle. The crop is up to an average in condition in the counties of Kane, Knox, Lee, Mercer and Stark. The area of winter wheat in this section of the State is very limited and its better condition will not make up for the poor prospects in the central and southern divisions, where the bulk of the winter wheat crop of the State is produced. The prospects are encouraging for a larger average yield per acre in this division of the State than on the first of June, 1883. The condition of winter wheat the first of the month indicated ninety-four per cent. of an average yield per acre.

The prospects this season for winter wheat in the central counties have been more discouraging with each succeeding monthly report.

The present prospects indicate about three-fourths of an average yield per acre.

There will be an average yield per acre in only two central counties, viz: Hancock and McDonough. The poorest prospects for winter wheat are reported in the following counties in this division of the State where the percentage of an average yield is given as follows: Vermilion 42; Clark 48; Montgomery 50; Pike 53; Christian 58; Macoupin 60; Scott 62; Macon 64; Adams 65. The condition of winter wheat this season in the central division from month to month has been as follows: April 1, prospects were good for eighty-seven per cent. of an average yield per acre; May 1, eighty-six per cent.; June 1, seventy-seven per cent.

There was a slight improvement in the condition of winter wheat in some of the southern counties during the month of April, but the unfavorable weather and the appearance in the wheat in May of a large amount of chaff has reduced the prospects as shown in the June reports, below that of any former report for the season. In two counties only in this division is the condition of winter wheat reported up to an average, viz., Hardin and Pulaski, neither of which are prominent wheat producing counties. The most discouraging reports concerning the condition of winter wheat come from the following counties, where the prospects for an average yield per acre are given by percentage, as noted: Clay, 27 per cent. of an average; Bond and Wayne, 30; Jefferson, 32; Jasper, 35; Crawford, 42; Effingham, 43; Hamilton and Richland, 49, and Fayette, 50.

The prospects indicate twenty-three per cent. larger average yield per acre throughout the southern counties that last season at corresponding date.

In average seasons over one-half the winter wheat crop of the State is produced in the southern division, and the partial failure of over one-third of the average yield per acre in the southern counties will greatly reduce the aggregate crop of the State.

## SPRING WHEAT.

The prospect, considering the area, is more encouraging for spring wheat than for winter wheat. The condition of spring wheat the first of June was up to an average in twenty-two of the thirty-three counties reporting the crop, in two counties ten per cent. more than an average yield is expected and in one county thirty per cent. more than an average yield per acre is predicted.

In four counties the condition is five per cent. below an average, in two counties ten per cent. below an average, twenty per cent. below an average in one county, and fifty per cent. below an average in one county,

## OATS.

The prospects for a large yield of oats continue to improve and with favorable conditions until harvest, the growing crop will be one of the largest ever produced in the State. The condition the first of the month gave encouragement for an average yield per acre in fifty-five counties, five per cent. more than an average yield in twenty-two counties; ten per cent. more than an average yield in two counties and fifteen per cent. more than an average yield per acre in one county; five per cent. less than an average yield in fifteen counties, ten per cent. less than an average yield in four counties and twenty-five per cent. less than an average yield in three counties.

The table on page 20 of this report gives the condition of oats in each county in the State the first of June.

The growth of oats in some localities is quite rank and fears are entertained that if the wet weather continues the oats will be badly lodged before the harvest.

## RYE.

The prospects are encouraging for an average yield per acre of rye in only thirty-seven counties. In four counties the condition gives promise for five per cent. more than an average yield per acre. In the table on page 21 of this report it will be seen that the condition is five per cent. below an average in ten counties; ten per cent. below an average in twenty-six counties; fifteen per cent. below in six counties; twenty per cent. below in five counties; twenty-five per cent. below in six counties; forty per cent. below in two counties.

## BARLEY.

Barley is grown to a limited extent in twenty-eight counties. The comparative area and condition of this crop the first of the month is given in the table on page 23 of this report.

In eighteen counties the area of barley is as large as in 1883; in two counties the area is nearly ten per cent. larger than last season. In the remaining eight counties growing barley this season the area is from five to twenty-five per cent. less than last season. The condition is up to an average in sixteen counties, above an average in one county, five per cent. below an average in two counties, ten per cent. below an average in three counties, twenty per cent. below an average in one county, twenty-five per cent. below an average in one county, and thirty-five per cent. below an average in one county.

## FLAX.

The area and condition of the growing crop of flax is given in the table on page 22 of this report in the eighteen counties where attention is given to the cultivation of this crop. The area is as large as last season in seven counties; thirty per cent larger in one county, and nearly forty per cent larger in one county. In nine counties the area is reported less than last season, ranging from five to forty per cent. The condition the first of June gave encouragement for an average yield per acre, in twelve counties, and more than an average yield per acre in one county; in the remaining five counties there will be from five to twenty-five per cent. less than an average yield of flax per acre.

## COTTON.

The only county reporting the area and condition of cotton is Williamson. The area is the same as last season and the condition gives encouragement for an average yield per acre.

## TOBACCO.

Attention is given to the cultivation of tobacco this season in twenty-five counties. In eighteen counties the area is as large as last season. In seven counties the area is less than last season. The prospects are encouraging for an average yield per acre in fifteen counties; five per cent. less than an average yield in two counties; ten per cent. less in three counties; twenty per cent. less in three counties; twenty-five per cent. less in one county and forty per cent. less in one county.

The table on pages 30-31 of this report gives the area and condition of tobacco in all the counties where the crop is grown this season.

## MEADOWS.

The area of meadows is nearly as large as last season. In over half of the counties (57) the area is the same as last season; in eighteen counties the area is five per cent. larger than in 1883; in three counties nearly ten per cent. larger. In eighteen counties five per cent. less than last season; in five counties ten per cent. less; in one county fifteen per cent. less. Meadows are generally up to an average and in three-fourths of the counties in the State there will be an average or better yield per acre of hay. It will be seen in the table on pages 30-31 of this report that meadows are up to an average in condition in fifty counties in the state; five per cent. above an average in twenty-three counties and ten per cent. above an average in four counties. In eighteen counties the condition is five per cent. below an average; in four counties ten per cent. below; in two counties fifteen per cent. below and in one county twenty per cent. below.

## CLOVER.

The area of newly seeded clover is as large or larger than last season in over two-thirds of the counties in the State; in forty-one counties the area is as large as last season; in fifteen counties five per cent. larger and in nine counties about ten per cent. larger; in one county thirty per cent. larger. In twenty counties the area is five per cent. less than in 1883; ten per cent. less in ten counties; fifteen per cent. less in three counties. Clover is up to an average in condition in forty-seven counties; five per cent. above in eleven counties and ten per cent. above in five counties. In thirteen counties the condition is five per cent. below an average; in sixteen counties ten per cent. below an average; in five counties fifteen per cent. below an average in condition, and twenty per cent. below an average in four counties.

## PASTURES.

There is an increase in the area of pastures, as compared with 1883. The area of pastures is reported the same as last season in sixty counties; five per cent. larger in twenty-six counties and nearly ten per cent. larger in four counties. In seven counties the area is five per cent. less than in 1883; ten per cent. less in two counties and fifteen per cent. less in three counties. In three-fourths of the counties in the State pastures are in average or better condition. In thirteen counties the condition is five per cent. below an average; in six counties ten per cent. below and in six counties fifteen per cent. below an average in condition.

## IRISH POTATOES.

The area of Irish potatoes is not as large as last season. In nearly one-half (47) of the counties in the State the area is as large as last season. In seven counties the area is five per cent. larger than in 1883; in one county ten per cent. larger and in one county twenty per cent. larger. The area is five per cent. less than last season in twenty-six counties; ten per cent. less in eleven counties; fifteen per cent. less in five counties and twenty-five per cent. less in three counties.



The condition of Irish potatoes gives encouragement for an average yield per acre in fifty-four counties—five per cent more than an average in eight counties and twelve per cent. more than an average yield per acre in one county. There will probably be five per cent. less than an average yield per acre in sixteen counties; ten per cent. less in seven counties; fifteen per cent. less in twelve counties, and twenty-five per cent. less in three counties.

## SWEET POTATOES.

This crop is reported in eighty-seven counties, and in all except nineteen counties the area is as large or larger than in 1883. There is an increase in ten counties ranging from five to twenty-five per cent. In twelve counties there is a decrease in the acreage of sweet potatoes, as compared with 1883, of five per cent.; in three counties ten per cent. decrease, and in four counties fifteen per cent. decrease.

Sweet potatoes the first of the month were up to an average in condition in fifty-one counties; five per cent. above an average in four counties, and twenty-five per cent above an average in one county. The condition was five per cent. below an average in fifteen counties; ten per cent. below an average in eleven counties; fifteen per cent. below an average in three counties, and twenty-five per cent. below an average in two counties.

## FRUIT.

The bloom this spring and the condition of fruit on the 1st of June, as compared with an average for previous years, at corresponding date, is given by percentage in the table on pages 26-27 of this report.

### APPLES.

There was more than an average bloom of apples in three-fourths of the counties in the State. In fourteen counties there was five per cent. more than an average; in thirty-one counties about ten per cent. more than an average, and in fifteen counties from fifteen to thirty-three per cent. more than an average; in twenty-three counties the bloom was from five to twenty-five per cent. below an average, and in two counties there was but little over half an average bloom.

The condition of apples the 1st of June gave encouragement for an average crop in thirteen counties; five per cent. more than an average in ten counties; ten per cent more than an average in three counties, and from twelve to fifty-five per cent. more than an average crop in five counties. In fifteen counties the condition of apples is five per cent less than an average; ten per cent. less in eleven counties; fifteen per cent. less in eighteen counties; twenty-five per cent. less in twelve counties; forty-five per cent. less in ten counties; sixty per cent. less in four counties, and seventy-five per cent less in one county.

### PEACHES.

The prospects for a crop of peaches have seldom been more discouraging than this season. The per cent. of bloom this spring is reported only in the following counties as noted: Knox, 70 per cent of an average bloom; LaSalle, 95; Monroe, 50; Richland, 25, and Tazewell, 50. The condition of peaches the first of June was reported as follows: Knox, 75 per cent. of an average; LaSalle, 100; Monroe, 50; Richland, 10. and Tazewell, 20.

### PEARS.

There was an average or better bloom of pears in one-third of the counties in the State. In twenty-four counties there was an average bloom; five per cent. more than an average in six counties; ten per cent. more than an average in two counties, twenty per cent. more than an average in two counties. In nine counties the bloom was five per cent. less than an average; in twelve counties ten per cent. less; in six counties fifteen per cent. less; in five counties twenty per cent. less; in twelve counties twenty-five per cent.

less; in six counties thirty-five per cent. less, and in one county seventy-five per cent. less. The condition of pears June 1 indicated an average crop in thirteen counties; five per cent. less than an average crop in nine counties; ten per cent. less in eight counties; fifteen per cent. less in sixteen counties; twenty-five per cent. less in ten counties; thirty-per cent. less in sixteen counties, and below fifty per cent. in thirteen counties.

#### PLUMS.

There was an average or better bloom of plums this spring in nearly two-thirds of the counties in the State. There was an average bloom in forty counties, and more than an average bloom in twenty-two counties. The bloom was five per cent. below an average in nine counties, ten per cent. below in thirteen counties, fifteen per cent. below in seven counties, twenty-five per cent. below in three counties, and forty per cent. below in two counties.

The condition of plums June 1 was favorable for an average crop in eighteen counties, five per cent. more than an average in two counties, and about ten per cent. more than an average crop in four counties. The condition indicated five per cent. less than an average crop in eleven counties, ten per cent. less in fourteen counties, fifteen per cent. less in six counties, twenty per cent. less in seven counties, twenty-five per cent. less in thirteen counties, and less than three-fourths of a crop in twenty-one counties.

#### CHERRIES.

There was an average or better bloom of cherries this spring in nearly two-thirds of the counties in the State. There was an average bloom in twenty-nine counties, five per cent. more than an average in fourteen counties, ten per cent. more than an average in ten counties, fifteen per cent. more than an average in six counties, thirty per cent. more than an average in three counties, and thirty-five per cent. more than an average in two counties. There was five per cent. less than an average bloom in ten counties, ten per cent. less in eight counties, fifteen per cent. less in five counties, twenty per cent. less in five counties, twenty-five per cent. less in five counties, forty per cent. less in two counties, and sixty per cent. less in three counties. The prospects are encouraging for an average or better crop of cherries in twenty-nine counties, from three-fourths to nearly an average crop in forty-eight counties, and less than three-fourths of an average crop in twenty-six counties.

#### GRAPES.

There was an average bloom of grapes in twenty-four counties, and five per cent. more than an average bloom in five counties. In the remaining eighty-three counties there was less than an average bloom. In fifty-nine counties there was from 75 to 95 per cent. of an average bloom. The condition of grapes, June 1, gave encouragement for an average crop in fourteen counties, and more than an average crop in five counties. In sixty-three counties there will be from 75 to 95 per cent. of an average crop, and in nineteen counties there will be less than three-fourths of a crop of grapes.

#### STRAWBERRIES.

The bloom of strawberries was unusually large. In fifty-three counties there was an average bloom; in twenty-two counties five per cent. more than an average; about ten per cent. more than an average bloom in four counties, and about twenty per cent. more than an average in two counties. In the remaining twenty-one counties there was from seventy-five to ninety-five per cent. of an average bloom.

The condition of strawberries gave encouragement for an average yield in forty-one counties; five per cent. more than an average in nine counties, and more than ten per cent. of an average in four counties. In forty counties there will be from seventy-five to ninety-five per cent. of an average crop, and in eight counties from fifty to seventy per cent. of an average crop.

## RASPBERRIES.

There was an average bloom of raspberries in forty-eight counties, and five per cent. more than an average in thirteen counties, and about ten per cent. more than an average bloom in four counties. In thirty-two counties there was from seventy-five to ninety-five per cent. of an average bloom, and in four counties seventy per cent. or less of an average bloom. The condition of raspberries on the first of the month gave encouragement for an average crop in forty-one counties, and more than an average crop in eleven counties. In forty-one counties the prospects are encouraging for from seventy-five to ninety-five per cent. of an average crop, and from thirty to seventy per cent. of an average crop in seven counties.

## BLACKBERRIES.

There was an average bloom of blackberries in thirty-one counties, and five per cent. more than an average bloom in eleven counties, and from ten to forty per cent. more than an average bloom in four counties. In thirty-seven counties there was from seventy-five to ninety-five per cent. of an average bloom, and in the remaining sixteen counties there was from thirty to seventy per cent. of an average bloom. The condition of blackberries June 1, gave encouragement for an average crop in thirty-one counties; five per cent. more than an average crop in twelve counties, and ten per cent. or more than an average in three counties. In forty-one counties there will be from seventy-five to ninety-five per cent. of an average crop, and from thirty-six to seventy per cent. of an average crop in the remaining twelve counties reporting.

## GOOSEBERRIES.

There was an average bloom of gooseberries this season in fifty-three counties, and more than an average bloom in seventeen counties; from 75 to 95 per cent. of an average bloom in thirty counties. The condition of gooseberries on the first of June gave encouragement for an average crop in forty-seven counties; five per cent. more than an average in ten counties; ten per cent. more than an average in five counties, and from 70 to 95 per cent. of an average crop in thirty-nine counties.

## CURRANTS.

There was an average bloom of currants in forty-nine counties; five per cent. more than an average in ten counties; ten per cent. more than an average in six counties, and from fifteen to twenty-five per cent. more than an average bloom in thirteen counties. In twenty-three counties there was from 80 to 95 per cent. of an average bloom. There will be an average crop in forty-five counties; five per cent. more than an average crop in nine counties, and from ten to twenty per cent. more than an average crop in nine counties. In thirty-two counties there will be from 75 to 95 per cent. of an average.

## LIVE STOCK.

The number of births of farm animals this spring as compared with last season, and the condition of young stock June 1 as compared with an average, is given in the table on page 32 of this report.

## PIGS.

In about two-fifths of the counties in the State the number of pigs farrowed this spring was as large or larger than last season. In twenty-two counties the number of young pigs was the same as in 1883; in thirteen counties the number was five per cent. larger; in two counties ten per cent. larger, and in two counties twenty-five per cent. larger. In fourteen counties the number was five per cent. less; in eighteen counties ten per cent. less; in nine counties fifteen per cent. less; in thirteen counties twenty per cent. less; in six counties twenty-five per cent. less; in two counties thirty per cent. less; in one county forty per cent. less. The condition of pigs was up to an average or better June 1 in half



the counties in the State. In only nine counties was the condition above an average. In twenty counties the condition was five per cent. below an average; in seventeen counties ten per cent. below an average, and from 75 to 85 per cent. of an average in nine counties

#### LAMBS.

The number of lambs dropped this season is as large as last year in twenty-six counties, and some larger in six counties. In twenty counties there was five per cent. less than in 1883; in twenty-nine counties ten per cent. less; in nine counties fifteen per cent. less; in five counties twenty per cent. less; in two counties twenty-five per cent. less; in one county thirty per cent. less, and in one county forty per cent. less.

In nearly three-fourths of the counties in the State lambs were up to an average in condition the first of June; five per cent. below an average in fifteen counties; ten per cent. below an average in ten counties and fifteen per cent. below an average in one county.

#### COLTS.

There is a decrease in the number of foals in the State this spring in all except fifty-nine counties. In twenty counties there is an increase of five per cent. in the number of colts, as compared with 1883; in six counties an increase of eight per cent.; in one county an increase of twelve per cent., and in one county an increase of twenty per cent. In seventeen counties there is a decrease of five per cent.; in thirteen counties a decrease of ten per cent.; in three counties a decrease of fifteen per cent.; in two counties a decrease of twenty per cent., and in eight counties there was from 35 to 75 per cent. of the number of colts foaled this spring as compared with 1883.

Colts on the first of June were up to an average in sixty-nine counties, and five per cent. above an average in five counties. In eighteen counties the condition of colts was five per cent. below an average and in the remaining ten counties from 70 to 90 per cent. of an average in condition.

#### CALVES.

The number of calves dropped this spring is as large as last season in fifty-six counties; five per cent. more than in 1883 in twenty counties; ten per cent. more in four counties; twelve per cent. more in one county, and sixteen per cent. more in one county; five per cent. less in one county, and twenty per cent. less in three counties.

Calves have seldom been in better condition the first of June than this season. In eighty-five counties calves are up to an average in condition; in nine counties five per cent. above an average; in one county twenty per cent. above an average and in seven counties four per cent. below an average in condition.

### AGRICULTURAL STATISTICS.

The great value of the crop statistics of this department mainly consists in their early and prompt appearance during the growing season, and immediately after harvest, when the information as to condition and yield is most needed to enable the producer and legitimate dealer to decide as to the supply and value of the crop.

The last official acreage of crops, as reported by assessors, is used as a basis for applying the estimates of crop correspondents as to the area and yield of the growing crops. It is not to be expected that the estimates of correspondents will more than closely approximate the assessed return reported the following year.

The estimates of correspondents, with few exceptions, have been below the returns of assessors made the succeeding year, and during the last six years the reports, when compared with the assessment, have confirmed the superior judgment and careful observations made by correspondents, who are farmers of experience and standing, and largely interested in the accuracy of the returns, and, as a rule, are inclined to the side of conservatism.

## BASIS FOR ESTIMATING ACREAGE, CONDITION, ETC.

It will be observed that the number **100** is used to represent the acreage of the crop of 1883, with which the acreage of the present crop is compared; also a fair average yield and a fair average vitality of growth, unaffected by storms, insects and contingencies; an increase of one-tenth, or ten per cent, is recorded 110; a decrease of five per cent. is marked 95, etc.

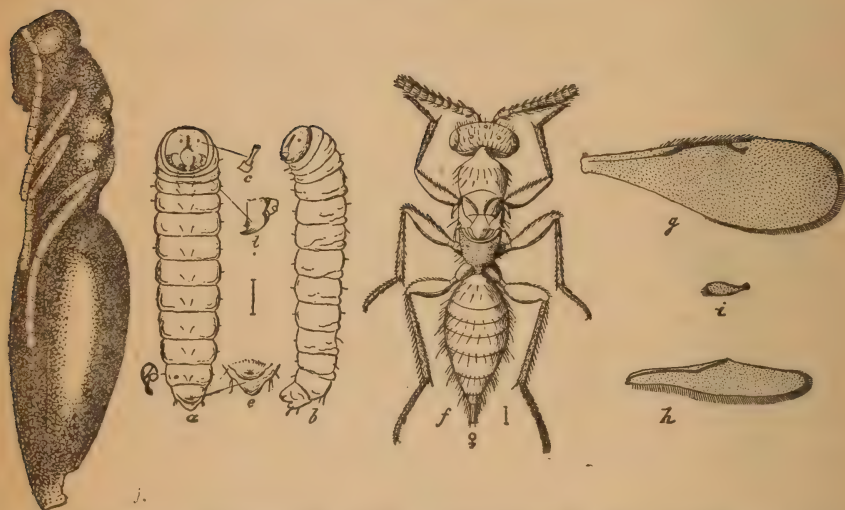
Respectfully submitted,

S. D. FISHER,

*Secretary.* •

# THE WHEAT-STRAW WORM.

*Isosoma tritici*, Riley.



EXPLANATION.—The Wheat-Straw Worm. *Isosoma tritici*; a, larva, ventral view; b, do., lateral view; c, antenna; d, mandibles; e, anal end, ventrally; f, imago; g, h, front and hind wings of exceptional individuals; i, aborted wing in the normal flies—all relatively enlarged; j, pupa, magnified.

It is decidedly important to the continued success of winter wheat culture in the southern half of Illinois, that a knowledge of some obscure and rapidly multiplying wheat insects should be widely spread among the people, in order that timely measures of defence may be taken.

Prominent among these little-known enemies of the wheat plant, is the wheat-straw worm,—an insect which only four years ago was new to science, but is now certainly known to infest winter wheat very generally in Illinois and throughout the southern States. It causes a loss less, indeed, than that due to the Hessian fly, but still sufficient, in many cases, to leave no margin of profit to the producer. This insect is all the more deserving of attention, because we find that a simple knowledge of its life history suggests complete and easy measures of protection against its attacks.

In a field of wheat badly infested by it, many of the *earliest heads to ripen* will be found short and imperfectly filled with light wheat; or perhaps the plant will be shortened and stunted throughout. The closest external examination will reveal no clue to the cause of the injury; but if the straw be carefully split, a minute, pale yellow, footless grub (a. and b.) will be found a few inches above the root, and wholly within the stem, the cavity of which it has enlarged by eating away the inner surface.

It is about one-fifth of an inch long, and a little flattened from above downwards, and has a distinct head and a pair of brownish jaws moving laterally. The skin is naked, except that each segment bears four short bristles—two ventral and two lateral.



These larvæ are usually situated so low in the stem that they are left in the stubble when the grain is cut, although a few are doubtless carried away in the straw. Here they remain until early in the following spring (a few sometimes completing their transformation in winter), when they emerge as minute, shining black insects (*f*), but a little more than one-tenth of an inch in length, the great majority of which have only useless rudiments of wings (*i*); in fact, of those hitherto bred, not one in twenty has had the power of flight.

By these adult insects, the eggs are, of course, laid in the spring for the new generation of that year.

#### REMEDIES.

As the greater part of the larvæ remain in the stubble, especially if the grain be not cut very close, and as they continue here, in one form or another, at least until midwinter, and usually until the following March or April, it is at once evident that nearly the entire brood may be exterminated by burning the stubble. In case of a light yield, or where the wheat has grown up to weeds, it will often be difficult to burn the field over; but if the insect is seriously destructive, it will doubtless pay to run a mower over the field, burning the vegetation after it has dried.

The usual absence of wings gives us another resource against its injuries, since a simple rotation of crops must almost wholly prevent the adults from laying their eggs in wheat, as they emerge from the stubble in the spring. In adjacent fields, two of which had been previously in wheat and the third in clover, as high as ninety-three per cent. of the stalks, were infested in the former, and only about five per cent. in the latter.

Probably the individuals carried away in the straw are killed by threshing; but if not, the simple expedient of burning the remnants of straw-stacks remaining in the spring would complete their destruction. As most of the adults are wingless, the spread of the injury from field to field must be slow; and each may therefore protect his own fields without serious danger that his labor may be wasted through the ignorance or indifference of his neighbors.

S. A. FORBES,

*State Entomologist.*

NORMAL, ILL., June 14, 1884.



CONDITION CORN CROP, JUNE 1, 1884, ETC.

NORTHERN DIVISION.			CENTRAL DIVISION.			SOUTHERN DIVISION.		
Counties.	Av. condition June 1, 1881..	Av. condition June 1, 1882..	Av. condition June 1, 1883..	Av. condition June 1, 1884..	First appear- ance above ground .....	Seed—quality compared with an av..	Acreage 1884, compared with 1883....	Counties.
Boone.....	105	103	102	97	May 13	95	105	Alexander..
Bureau.....	96	94	94	94	May 14	95	104	Blair.....
Carroll.....	100	96	97	97	May 15	95	97	Clay.....
Cook.....	93	93	95	95	May 16	95	110	Clinton..
DeKalb.....	91	97	100	100	May 17	95	104	Crawford..
DePue.....	100	82	87	87	May 18	95	103	Edwards..
Grundy.....	96	98	100	103	May 19	95	103	Effingham..
Henderson..	94	98	100	100	May 20	95	103	Franklin..
Henry.....	96	96	96	96	May 21	95	103	Gallatin..
Iroquois....	101	105	113	113	May 22	95	112	Hamilton..
Jo Daviess..	95	99	98	98	May 23	95	103	Hardin....
Kane.....	100	99	98	98	May 24	95	103	Jackson....
Kankakee....	101	101	100	100	May 25	95	92	Jasper.....
Kendall.....	93	85	82	82	May 26	95	70	Jefferson..
Knox.....	107	100	103	103	May 27	95	112	Johnson..
Lake.....	95	98	96	96	May 28	95	87	Lawrence..
LaSalle.....	99	91	92	92	May 29	95	100	Madison....
Lee.....	99	105	101	101	May 30	95	106	Marion....
Livingston..	95	92	99	99	May 31	95	92	Massac....
Marshall....	100	103	103	103	May 32	95	95	Monroe....
McHenry....	100	105	99	99	May 33	95	114	Perry.....
McNairy....	109	103	98	98	May 34	95	100	Pope.....
Mercer.....	107	100	97	97	May 35	95	85	Pulaski....
Ogle.....	97	100	98	98	May 36	95	93	Randolph..
Peoria.....	105	98	96	96	May 37	95	104	Richland..
Putnam.....	102	105	96	96	May 38	95	107	Saltine....
Rock Island	98	100	102	102	May 39	95	103	St. Clair...
Stark.....	97	100	91	91	May 40	95	103	Union.....
Stephenson..	94	101	96	96	May 41	95	105	Wabash....
Warren.....	102	103	106	106	May 42	95	105	Washington
Whiteside...	100	70	75	75	May 43	95	105	Wayne....
Will.....	82	97	88	88	May 44	95	105	White.....
Winnebago..	93	97	97	97	May 45	95	100	Williamson.
Woodford...	100	105	115	115	May 46	95	102	Average...
Average...	98	97	98	98	May 47	95	100	



## CONDITION WINTER WHEAT JUNE 1, 1884.

NORTHERN DIVISION.				CENTRAL DIVISION.				SOUTHERN DIVISION.			
Counties.				Counties.				Counties.			
Av. condition June 1, 1882.	Av. condition June 1, 1883.	Av. condition June 1, 1884.	Height June 1, 1884—inches.	Av. condition June 1, 1882.	Av. condition June 1, 1883.	Av. condition June 1, 1884.	Height June 1, 1884—inches.	Av. condition June 1, 1882.	Av. condition June 1, 1883.	Av. condition June 1, 1884.	Height June 1, 1884—inches.
Boone.....	20	100	12	Adams.....	107	97	92	Alexander.....	92	100	35
Bureau.....	15	60	70	Brown.....	106	85	100	Bond.....	79	59	24
Carroll.....	12	95	107	Calhoun.....	106	80	90	Clay.....	24	29	23
Cook.....	20	90	90	Cass.....	85	98	92	Clinton.....	18	90	18
DeKalb.....	7	95	90	Champaign.....	100	92	100	Crawford.....	5	61	5
DuPage.....	105	105	105	Christian.....	100	92	100	Edwards.....	35	35	42
Grundy.....	10	90	93	Clark.....	80	120	120	Effingham.....	61	61	33
Henderson.....	12	90	93	Coles.....	82	100	100	Fayette.....	50	62	43
Henry.....	42	40	87	Cumberland.....	104	100	100	Franklin.....	21	58	20
Iroquois.....	16	40	87	DeWitt.....	104	100	100	Gallatin.....	20	82	10
JoDavies.....	19	102	101	Douglas.....	67	51	104	Hamilton.....	42	80	75
Kane.....	24	100	95	Edgar.....	100	95	100	Hardin.....	72	72	49
Kankakee.....	18	77	85	Ford.....	94	100	100	Haskell.....	65	95	103
Kendall.....	21	90	110	Fulton.....	92	92	92	Jackson.....	90	75	66
Knox.....	22	102	103	Greene.....	100	90	90	Jasper.....	75	66	112
Lake.....	20	103	98	Hancock.....	105	86	100	Jefferson.....	35	35	30
LaSalle.....	25	83	88	Jersey.....	99	85	105	Johnson.....	32	25	111
Lee.....	100	100	100	Logan.....	99	100	100	Lawrence.....	63	48	97
Livingston.....	20	92	100	Macon.....	102	94	100	Madison.....	77	39	27
Marshall.....	19	100	112	Macoupin.....	105	77	100	Marion.....	51	63	52
McHenry.....	18	100	100	Mason.....	120	100	100	Massac.....	36	78	86
Mercer.....	16	100	97	McDonough.....	100	100	100	Monroe.....	61	100	95
Peoria.....	18	98	95	McLean.....	102	75	100	Perry.....	30	69	68
Punam.....	30	97	90	Menard.....	108	68	100	Pope.....	103	87	37
Rock Island.....	24	94	83	Monroe.....	112	100	100	Pulaski.....	101	60	106
Stark.....	19	100	100	Montgomery.....	102	91	100	Randolph.....	95	95	82
Stephenson.....	15	95	90	Morgan.....	109	75	100	Saline.....	52	49	19
Warren.....	18	91	100	Moutrie.....	100	88	85	St. Clair.....	80	83	82
Whiteside.....	24	50	50	Platt.....	114	85	100	Union.....	36	70	35
Will.....	95	95	95	Pike.....	100	94	100	Wabash.....	61	85	25
Winnebago.....	24	90	95	Sangamon.....	100	94	100	Washington.....	77	74	66
Woodford.....	10	100	97	Schuyler.....	102	92	100	Wayne.....	82	75	66
Average.....	19	90	94	Scott.....	103	86	100	White.....	62	62	30
				Shelby.....	90	90	100	Williamson.....	78	60	77
				Tazewell.....	101	82	100	Average.....	64	41	106
				Vermilion.....	104	82	100				
				Average.....	21	87	86				

## CONDITION SPRING WHEAT JUNE 1, 1884, ETC.

NORTHERN DIVISION.						CENTRAL DIVISION.						SOUTHERN DIVISION.					
Counties.						Counties.						Counties.					
Acreage 1884, compared with 1883....	Average condition May 1, 1884.....	Average condition June 1, 1884.....	Average condition June 1, 1883.....	Average condition June 1, 1882.....		Acreage 1884, compared with 1883....	Average condition May 1, 1884.....	Average condition June 1, 1884.....	Average condition June 1, 1883.....	Average condition June 1, 1882.....		Acreage 1884, compared with 1883....	Average condition May 1, 1884.....	Average condition June 1, 1884.....	Average condition June 1, 1883.....	Average condition June 1, 1882.....	
Boone.....	97	100	95	96	Adams.....	87	100	90	100	85	Alexander.....						
Bureau.....	90	100	100	100	Brown.....	95	Douglas.....	99	Edgar.....	96	Bond.....						
Carroll.....	100	95	80	85	Calhoun.....	90	Fulton.....	100	Greene.....	100	Clay.....	110					
Cook.....	105	100	100	100	Cass.....	96	Hancock.....	93	Hancock.....	93	Clinton.....	60					
DeKalb.....	100	100	80	80	Champaign.....	90	Jarvis.....	100	Jarvis.....	100	Crawford.....						
DuPage.....	100	100	100	100	Christian.....	90	Logan.....	100	Logan.....	100	Edwards.....						
Grundy.....	70	100	100	100	Clark.....	103	Macoupin.....	102	Macoupin.....	102	Efingham.....						
Henderson.....	120	100	100	100	Coles.....	95	Mason.....	96	Mason.....	96	Fayette.....						
Henry.....	100	100	100	100	Cumberland.....	100	McDonough.....	83	McDonough.....	83	Franklin.....						
Iowa.....	102	100	90	90	De Witt.....	99	McLean.....	100	McLean.....	100	Gallatin.....	100					
Jo Daviess.....	95	100	100	100	Douglas.....	90	Menard.....	100	Menard.....	100	Hamilton.....						
Kane.....	90	100	100	100	Edgar.....	96	Montgomery.....	95	Montgomery.....	95	Hardin.....						
Kankakee.....	90	100	100	100	Fulton.....	90	Morgan.....	100	Morgan.....	100	Jackson.....						
Knox.....	99	98	96	96	Greene.....	100	Moultrie.....	98	Moultrie.....	98	Jasper.....						
Lake.....	99	98	96	96	Hancock.....	93	Platt.....	83	Platt.....	83	Jefferson.....						
LaSalle.....	88	95	93	93	Jarvis.....	100	Pike.....	100	Pike.....	100	Johnson.....						
Lee.....	102	102	102	102	Logan.....	100	Sangamon.....	93	Sangamon.....	93	Lawrence.....						
Livingston.....	100	100	100	100	Macoupin.....	103	Schuyler.....	101	Schuyler.....	101	Madison.....	50					
Marshall.....	110	120	130	130	Mason.....	96	Shelby.....	90	Shelby.....	90	Marion.....	100					
McHenry.....	100	100	99	99	McDonough.....	83	Tazewell.....	95	Tazewell.....	95	Massac.....						
Mercer.....	101	100	96	96	McLean.....	103	Vermilion.....	100	Vermilion.....	100	Monroe.....						
Ogle.....	95	97	95	95	Menard.....	100	Average.....	95	Average.....	95	Perry.....						
Peoria.....	110	100	100	100	Montgomery.....	95					Pope.....						
Rock Island.....	98	98	97	97	Morgan.....	100					Pulaski.....	100					
Stark.....	100	100	100	100	Moultrie.....	98					Randolph.....						
Stephenson.....	100	100	100	100	Platt.....	83					Richland.....						
Whiteside.....	87	100	100	100	Pike.....	100					Saline.....						
Will.....	100	100	101	101	Sangamon.....	93					St. Clair.....	98					
Winnebago.....	100	98	102	102	Schuyler.....	101					Union.....						
Woodford.....	100	97	105	105	Shelby.....	90					Wabash.....						
Average.....	99	100	96	95	Tazewell.....	95					Washington.....						
					Vermilion.....	100					Wayne.....						
					Average.....	100					White.....						
											Williamson.....						
											Average.....	95	80	80	99	100	

## ACREAGE AND CONDITION OATS JUNE 1, 1884, ETC.

NORTHERN DIVISION.			CENTRAL DIVISION.			SOUTHERN DIVISION.					
COUNTIES.	Acres compared with 1883..	Average condition May 1, 1884	Average condition June 1, 1884	Average condition June 1, 1883	Average condition June 1, 1882	COUNTIES.	Acres compared with 1883..	Average condition May 1, 1884	Average condition June 1, 1884	Average condition June 1, 1883	Average condition June 1, 1882
Boone.....	104	92	108	101	98	Adams.....	99	89	98	88	90
Bureau.....	117	100	95	100	109	Brown.....	104	95	100	91	96
Carroll.....	102	100	100	90	85	Calhoun.....	90	100	93	100	96
Cook.....	105	100	99	101	95	Cass.....	104	99	102	100	92
DeKalb.....	113	92	105	98	98	Champaign.....	110	97	103	100	91
DePue.....	100	90	97	92	100	Christian.....	81	82	95	84	106
Grundy.....	110	97	107	91	95	Clark.....	109	90	97	95	105
Henderson.....	108	98	103	102	97	Coles.....	100	95	94	94	105
Henry.....	118	100	104	106	106	Cumberland.....	96	94	97	95	103
Iroquois.....	123	98	100	101	96	DeWitt.....	110	102	105	98	109
JoDaviss.....	100	100	101	93	92	Douglas.....	94	80	100	106	98
Kane.....	110	100	104	100	95	Dugar.....	109	108	100	100	107
Kankakee.....	105	100	103	104	96	Ford.....	115	96	102	90	103
Kendall.....	102	98	102	82	95	Fulton.....	116	96	100	96	103
Knox.....	109	95	102	93	103	Greene.....	84	96	102	100	97
Lake.....	98	100	98	96	93	Hancock.....	108	98	100	100	97
LaSalle.....	104	96	101	81	97	Harvey.....	87	75	93	96	96
Lee.....	109	100	106	100	98	Logan.....	102	95	99	96	97
Livingston.....	125	102	101	92	109	Macon.....	107	100	97	91	102
Marshall.....	105	105	110	101	104	Macoupin.....	77	81	95	102	82
McHenry.....	104	100	99	103	101	Mason.....	101	96	100	95	82
Mercer.....	97	95	102	103	100	McDonough.....	123	93	107	103	100
Ogle.....	106	81	104	104	100	McLean.....	108	93	102	64	95
Peoria.....	104	92	102	99	98	Menard.....	102	100	104	100	103
Putnam.....	110	100	100	100	104	Montgomery.....	80	83	94	95	104
Rock Island.....	100	96	100	105	102	Morgan.....	99	91	98	99	99
Stark.....	109	97	103	105	102	Moultrie.....	71	87	96	93	101
Stephenson.....	102	97	102	99	98	Pratt.....	110	98	100	98	102
Warren.....	120	105	105	105	99	Pike.....	118	98	102	96	110
Whiteside.....	101	100	100	96	100	Sangamon.....	91	97	100	102	102
Will.....	115	103	97	102	90	Schuyler.....	105	97	104	97	101
Winnebago.....	106	100	102	96	101	Scott.....	100	95	97	98	101
Woodford.....	102	95	110	92	103	Shelby.....	86	92	97	107	107
Average.....	107	98	102	98	98	Tazewell.....	115	97	104	97	103
						Vermilion.....	146	105	115	136	102
						Average.....	101	94	100	97	100







## CONDITION MEADOWS JUNE 1, 1884, Etc.

NORTHERN DIVISION.				CENTRAL DIVISION.				SOUTHERN DIVISION.			
Counties.				Counties.				Counties.			
Acreage 1884, compared with 1883.....	Average condition June 1, 1884.....	Average condition June 1, 1883.....	Average condition June 1, 1882.....	Acreage 1884, compared with 1883.....	Average condition June 1, 1884.....	Average condition June 1, 1883.....	Average condition June 1, 1882.....	Acreage 1884, compared with 1883.....	Average condition June 1, 1884.....	Average condition June 1, 1883.....	Average condition June 1, 1882.....
Boone.....	100	103	100	95	98	97	85	95	97	111	83
Bureau.....	102	100	102	99	100	87	100	102	100	92	77
Carroll.....	102	106	93	101	95	85	100	104	90	85	103
Cook.....	101	97	100	100	102	96	97	102	102	90	61
Dekalb.....	104	106	100	100	100	100	100	99	96	96	96
DuPage.....	97	92	90	94	94	101	93	98	97	83	83
Grundy.....	107	103	117	95	99	89	91	103	100	98	98
Henderson.....	101	100	100	91	104	80	100	101	100	102	95
Henry.....	99	93	94	100	100	97	101	103	83	96	70
Iroquois.....	96	95	97	100	106	102	83	103	100	102	58
JoDavies.....	101	103	90	95	85	96	96	101	95	95	60
Kane.....	99	101	95	94	102	88	107	103	100	67	96
Kankakee.....	91	98	101	104	102	96	91	105	100	105	92
Kendall.....	101	95	97	94	103	101	89	105	95	95	85
Knox.....	94	99	110	100	98	110	94	103	97	96	50
Lake.....	101	99	96	90	95	97	102	86	80	85	62
LaSalle.....	98	102	94	100	110	100	90	102	105	80	76
Lee.....	98	103	98	103	104	100	92	103	94	95	89
Livingston.....	103	99	101	92	93	94	95	98	101	101	101
Marshall.....	98	100	102	101	99	104	84	100	91	99	46
McHenry.....	98	95	100	100	100	92	96	101	99	93	80
Mercer.....	105	98	102	103	103	103	80	106	100	100	60
Ogle.....	102	110	107	97	103	94	91	95	100	97	46
Peoria.....	94	103	99	105	103	101	93	101	100	100	66
Punam.....	97	101	102	105	101	96	93	105	101	100	84
Rock Island.....	96	97	92	98	100	98	88	101	100	97	59
Stark.....	99	94	97	99	98	87	95	93	97	88	77
Stephenson.....	100	103	100	101	101	97	102	102	102	100	60
Warren.....	100	107	102	92	92	93	81	102	100	100	68
Whiteside.....	110	105	96	94	92	90	87	109	96	90	72
Will.....	95	100	105	97	96	84	88	95	103	103	76
Winnebago.....	100	107	97	97	106	96	88	102	103	103	34
Woodford.....	97	90	100	93	97	91	96	103	92	90	71
Average.....	99	100	99	101	101	85	97	104	105	92	57
			95	100	105	125	100	100	97	95	70
			98	98	100	96	95	79			83
			Average.....								
			Adams.....								
			Brown.....								
			Calhoun.....								
			Cass.....								
			Champaign.....								
			Christian.....								
			Clark.....								
			Coles.....								
			Cumberland.....								
			De Witt.....								
			Douglas.....								
			Edgar.....								
			Ford.....								
			Fulton.....								
			Greene.....								
			Hancock.....								
			Jersey.....								
			Logan.....								
			Macon.....								
			Macoupin.....								
			Mason.....								
			McDonough.....								
			McLean.....								
			Menard.....								
			Montgomery.....								
			Morgan.....								
			Moultrie.....								
			Pike.....								
			Sangamon.....								
			Schnaylor.....								
			Scott.....								
			Shelby.....								
			Tazewell.....								
			Vermilion.....								
			Average.....								
			Alexander.....								
			Bond.....								
			Clay.....								
			Clinton.....								
			Crawford.....								
			Edwards.....								
			Effingham.....								
			Fayette.....								
			Franklin.....								
			Gallatin.....								
			Hamilton.....								
			Hardin.....								
			Haskell.....								
			Jackson.....								
			Jasper.....								
			Jefferson.....								
			Johnson.....								
			Lawrence.....								
			Madison.....								
			Marion.....								
			Massac.....								
			Monroe.....								
			Perry.....								
			Pope.....								
			Pulaski.....								
			Randolph.....								
			Richland.....								
			Saline.....								
			St. Clair.....								
			Union.....								
			Wabash.....								
			Washington.....								
			Wayne.....								
			White.....								
			Williamson.....								
			Average.....								





## CONDITION IRISH POTATOES JUNE 1, 1884, Etc.

NORTHERN DIVISION.			CENTRAL DIVISION.			SOUTHERN DIVISION.		
Counties.			Counties.			Counties.		
Acreage 1884, compared with 1883.....	Average condition June 1, 1884.....	Average condition June 1, 1883.....	Acreage 1884 compared with 1883.....	Average condition June 1, 1884.....	Average condition June 1, 1883.....	Acreage 1884 compared with 1883.....	Average condition June 1, 1884.....	Average condition June 1, 1883.....
Boone.....	97	95	Adams.....	100	80	Alexander.....	100	100
Bureau.....	101	90	Brown.....	100	85	Bond.....	100	83
Carroll.....	100	97	Gallatin.....	97	100	Clay.....	100	85
Cook.....	95	100	Cass.....	96	70	Clinton.....	100	85
DeKalb.....	100	83	Champaign.....	100	98	Crawford.....	100	86
DuPage.....	100	85	Christian.....	100	99	Edwards.....	100	92
Grund.....	101	82	Clark.....	88	81	Effingham.....	100	92
Henderson.....	95	100	Coles.....	97	103	Fayette.....	100	98
Henry.....	98	102	Cumberland.....	92	80	Franklin.....	100	96
Ironquois.....	119	101	DeWitt.....	89	100	Gallatin.....	100	97
JoDavies.....	96	94	Douglas.....	100	86	Hamilton.....	100	95
Kane.....	99	99	Edgar.....	92	87	Hardin.....	100	92
Kankakee.....	95	100	Ford.....	91	109	Haskell.....	100	75
Kendall.....	95	92	Fulton.....	100	84	Jackson.....	100	96
Knox.....	88	85	Greene.....	100	118	Jasper.....	100	92
Lake.....	88	100	Hancock.....	103	105	Jefferson.....	100	98
LaSalle.....	97	86	Jersey.....	100	90	Johnson.....	100	95
Lee.....	91	84	Logan.....	97	95	Lawrence.....	100	106
Livingston.....	101	99	Macoupin.....	101	89	Madison.....	100	95
Marshall.....	94	99	Macon.....	93	94	Marion.....	100	95
McHenry.....	110	97	Macoupin.....	96	97	Massac.....	100	110
Mercer.....	93	100	Mason.....	97	85	Monroe.....	100	95
Ogle.....	90	105	McDonough.....	97	105	Perry.....	100	95
Peoria.....	97	84	McLean.....	94	86	Pope.....	100	85
Penn.....	93	79	Menard.....	102	85	Randolph.....	100	99
Rock Island.....	96	96	Montgomery.....	97	102	Richland.....	100	95
Stark.....	100	98	Morgan.....	104	65	Saline.....	100	100
Stephenson.....	99	87	Moultrie.....	97	91	St. Clair.....	100	91
Warren.....	100	97	Pike.....	92	84	Union.....	100	106
Whiteside.....	93	87	Pike.....	100	110	Wabash.....	100	88
Will.....	80	87	Sangamon.....	102	95	Washington.....	100	97
Winnebago.....	82	87	Schuyler.....	100	80	Wayne.....	100	93
Woodford.....	92	82	Scott.....	100	99	White.....	100	97
Average.....	105	112	Shelby.....	82	93	Williamson.....	100	106
	97	96	Tazewell.....	93	85	Average.....	95	94
			Vermilion.....	95	106			
			Average.....	102	99			
				97	87			

## FRUIT.

## BLOOM AND CONDITION.

Counties.	Ap- ples.	Pea- ches.	Pears	Pl'ms	Cher- ries.	Gr'ps	Str'w ber's.	Rasp ber's.	Black ber's.	Go'se ber's.	Cur- rants.									
	Amount of bloom, 1884.	Amount of bloom, 1884.	Amount of bloom, 1884.	Amount of bloom, 1884.	Amount of bloom, 1884.	Amount of bloom, 1884.	Amount of bloom, 1884.	Amount of bloom, 1884.	Amount of bloom, 1884.	Amount of bloom, 1884.	Amount of bloom, 1884.									
Adams.....	102	94	100	77	100	87	97	88	67	67	100	94	101	97	90	90	94	92	97	97
Alexander.....	100	25	80	50	90	20	40	20	90	70	97	85	95	95	107	100	95	100	87	80
Bond.....	95	71	66	60	88	60	74	47	105	107	83	77	103	103	97	99	98	87	102	80
Boone.....	104	96	100	100	110	99	92	82	101	90	95	92	100	90	100	90	100	90	100	87
Brown.....	95	95	100	85	100	90	100	70	60	65	100	90	100	95	100	100	100	100	100	100
Bureau.....	104	82	...	...	...	92	82	77	66	100	75	103	95	100	92	95	80	98	97	...
Calhoun.....	105	70	70	27	100	50	100	67	75	75	100	95	102	102	93	93	100	100	80	50
Carroll.....	97	87	100	90	100	90	100	93	105	87	100	100	100	100	75	100	100	100	84	81
Cass.....	102	100	75	75	77	97	76	67	65	105	103	97	93	88	97	83	72	83	83	83
Champaign.....	158	97	120	95	100	100	100	92	87	50	100	100	100	100	100	100	95	100	95	95
Christian.....	107	77	72	48	98	63	88	45	76	67	102	96	87	83	75	62	102	92	90	83
Clark.....	106	95	76	67	100	83	80	71	88	100	102	87	90	94	100	97	107	103	98	98
Clay.....	103	83	100	100	87	80	100	100	75	75	75	65	80	100	100	100	100	100	100	100
Clinton.....	75	52	94	53	83	83	81	50	87	72	97	97	97	97	85	85	104	101	87	90
Coles.....	101	83	96	90	100	87	98	64	99	87	100	102	85	85	87	87	102	109	106	96
Cook.....	104	95	110	90	105	88	100	98	103	103	104	97	100	100	80	73	102	100	98	96
Crawford.....	112	85	80	75	102	75	78	61	102	107	90	86	101	102	92	81	100	101	91	88
Cumberland.....	120	82	90	75	75	80	102	94	92	83	93	92	105	110	82	95	110	102	110	107
DeKalb.....	102	110	...	...	...	106	111	87	87	97	99	102	102	92	92	100	100	100	100	100
DeWitt.....	120	87	110	80	110	85	110	95	80	90	114	109	97	97	109	97	116	101	114	99
Douglas.....	95	82	67	40	60	50	95	90	75	70	80	50	100	100	100	90	82	82	95	80
DuPage.....	100	80	...	...	...	102	85	80	80	100	60	100	60	...	...	...	100	80	...	...
Edgar.....	104	94	83	78	83	78	91	84	92	87	87	98	81	91	77	86	99	97	95	92
Edwards.....	92	66	100	93	100	95	92	65	100	100	103	95	100	100	62	75	105	100	100	100
Effingham.....	100	95	95	95	92	95	70	55	100	100	93	92	93	97	93	100	88	80	93	93
Fayette.....	100	91	91	55	85	72	97	60	83	88	90	85	91	91	95	95	97	92	95	95
Ford.....	115	105	...	...	...	100	50	114	96	62	75	112	116	100	100	100	100	112	116	112
Franklin.....	73	57	120	70	10	35	65	50	30	100	100	30	50	66	77	75	75	...	...	...
Fulton.....	122	108	100	80	110	100	99	55	50	99	100	92	86	102	90	100	100	102	102	102
Gallatin.....	92	83	52	39	88	75	85	70	77	80	81	79	82	86	38	29	79	76	60	50
Greene.....	108	95	88	82	93	88	98	83	98	88	103	103	97	95	100	100	100	100	97	...
Grundy.....	121	112	...	...	...	95	80	129	104	93	110	100	105	106	117	80	80	102	99	100
Hamilton.....	87	41	70	42	90	37	82	39	91	81	95	83	75	62	40	40	100	76	83	53
Hancock.....	110	90	90	90	100	90	90	80	80	100	100	80	80	85	90	100	100	110	100	100
Hardin.....	103	95	105	100	100	90	110	110	100	85	100	100	...	...	105	105	120	110	...	...
Henderson.....	100	96	...	...	...	105	95	101	84	80	80	102	100	100	100	102	103	81	82	94
Henry.....	109	107	100	62	112	112	135	127	69	66	102	94	100	96	92	92	102	102	126	122
Iroquois.....	127	90	112	80	100	75	106	116	77	52	112	110	100	87	142	103	102	102	105	105
Jackson.....	100	40	100	75	100	...	100	75	100	100	100	50	100	85	100	100	100	100	100	100
Jasper.....	110	85	100	100	75	75	60	50	75	87	100	95	85	80	70	65	110	105	100	100
Jefferson.....	83	83	93	100	83	83	66	27	100	100	87	83	80	93	48	73	75	75	77	77
Jersey.....	133	150	105	95	108	105	133	117	103	87	100	70	100	100	100	87	103	103	116	116
JoDavies.....	97	91	75	62	92	64	104	110	100	87	105	81	110	106	93	83	102	102	105	96
Johnson.....	91	68	66	57	83	50	72	61	91	91	87	55	96	93	83	82	92	87	100	100
Kane.....	106	106	...	...	...	100	110	113	112	87	90	104	100	101	100	102	97	100	100	115
Kankakee.....	113	104	100	100	...	113	109	83	97	103	97	104	100	100	102	102	105	105	106	104
Kendall.....	125	155	90	90	93	90	100	92	72	67	105	97	103	97	85	90	96	96	101	97
Knox.....	104	82	70	75	...	100	106	88	70	66	103	104	94	96	105	104	97	99	98	100
Lake.....	109	104	...	...	...	...	104	95	75	79	100	90	95	89	100	100	92	85	102	88
LaSalle.....	107	94	95	100	97	100	105	103	105	75	63	101	95	100	101	92	83	97	99	104
Lawrence.....	100	45	100	40	107	47	103	37	93	90	90	90	50	50	58	53	100	100	100	100



## Fruit—Continued.

## BLOOM AND CONDITION.

Counties.	Ap- ples.	Pea- ches.	Pears	Pl'ms	Cher- ries.	Gr'ps	Str'w ber's.	Rasp ber's.	Black ber's.	Go'se ber's.	Cur- rants.	Condition June 1, 1884.
	Amount of bloom, 1884.	Condition June 1, 1884.	Amount of bloom, 1884.	Condition June 1, 1884.	Amount of bloom, 1884.	Condition June 1, 1884.	Amount of bloom, 1884.	Condition June 1, 1884.	Amount of bloom, 1884.	Condition June 1, 1884.	Amount of bloom, 1884.	Condition June 1, 1884.
Lee	126	103	83	80	120	100	106	105	96	92	101	97
Livingston	113	83	100	95	95	87	114	98	92	80	105	90
Logan	116	107	100	90	102	102	105	100	92	89	106	101
Macon	110	102	100	100	100	100	80	75	75	105	95	100
Macoupin	112	86	87	92	100	87	97	77	92	99	100	100
Madison	93	75	83	65	90	35	35	40	100	40	75	50
Marion	95	42	70	60	122	105	97	98	85	70	107	112
Marshall	107	97	87	92	100	87	97	98	85	70	107	112
Mason	96	77	90	85	97	87	95	82	100	97	97	97
Massac	85	70	60	80	87	53	73	68	93	88	100	96
McDonough	103	92	100	80	100	100	100	60	60	100	100	93
McHenry	120	117	102	90	100	100	127	103	77	73	106	100
McLean	111	99	97	87	100	90	105	92	67	67	105	102
Menard	105	77	103	72	116	105	83	88	83	100	100	103
Mercer	113	106	113	93	110	103	62	62	102	102	97	97
Monroe	87	92	77	80	92	92	90	77	100	95	100	100
Montgomery	100	60	83	62	88	76	92	87	85	86	100	100
Morgan	107	80	87	96	66	96	92	66	75	104	102	94
Moultrie	110	97	100	95	105	75	108	100	98	96	97	98
Ogle	113	100	109	93	102	100	106	105	89	86	96	94
Peoria	111	100	109	93	102	100	106	105	89	86	96	94
Perry	89	60	80	60	102	95	85	92	97	97	94	85
Piatt	107	90	98	95	107	97	101	81	86	82	102	100
Pike	116	104	100	75	100	100	109	85	77	75	100	87
Pope	90	70	70	50	100	50	100	50	80	50	100	83
Pulaski	52	97	95	98	97	98	80	97	103	102	90	83
Putnam	120	99	103	100	87	100	107	100	106	105	102	102
Randolph	87	60	76	83	91	59	85	60	99	99	98	96
Richland	80	39	53	50	87	93	68	39	95	85	75	95
Rock Island	105	96	75	70	105	77	110	96	47	54	102	102
Saline	107	92	93	87	97	84	87	80	93	90	100	97
Sangamon	108	85	90	70	103	70	103	87	100	82	93	90
Schuyler	107	92	100	100	95	95	95	86	82	80	98	95
Scott	100	100	100	100	100	93	98	83	82	80	98	95
Shelby	107	97	80	82	100	80	105	95	95	92	100	95
Stark	111	100	100	100	105	96	102	95	100	96	100	102
St. Clair	98	88	96	100	102	102	79	87	87	87	97	100
Stephenson	109	102	100	92	97	102	80	35	105	107	100	97
Tazewell	93	85	88	87	50	83	96	90	87	85	100	101
Union	101	48	99	47	102	55	102	51	97	75	105	62
Vermilion	110	120	80	85	100	99	99	32	92	93	100	92
Wabash	103	56	71	47	100	92	107	106	70	72	104	108
Warren	110	103	105	100	104	92	107	106	70	72	104	108
Washington	87	65	85	87	95	90	95	70	88	82	100	95
Wayne	68	58	62	50	87	75	67	50	75	75	83	83
White	106	90	92	40	107	40	41	34	95	86	103	102
Whiteside	80	70	25	20	50	40	110	100	60	100	75	100
Will	100	80	100	100	125	100	98	87	80	72	100	110
Williamson	80	83	87	83	87	68	93	62	100	100	100	69
Winnebago	105	63	125	60	110	43	108	50	100	42	100	93
Woodford	120	103	87	75	105	90	117	112	98	98	103	103

## FIELD CROPS.

## ACREAGE AND CONDITION.

Counties.	CORN.		BROOM CORN.	SORGHUM.		WINT'R WHEAT	SPR. WHT	OATS	RYE.	BARL'Y.	FLAX.	
	Acreage compared with 1883.	Condition June 1, 1884.	Acreage compared with 1883.	Condition June 1, 1884.	Acreage compared with 1883.	Condition June 1, 1884.	Height June 1, 1884.	Condition June 1, 1884.	Condition June 1, 1884.	Acreage compared with that of 1883.	Condition June 1, 1884.	Per cent.
	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.
Adams.....	102	97	91			65	22		98	90	100	
Alexander.....	105	85	95	85	75	82			97	90		
Bond.....	104	86	87	100	80	98	30	24	104	93		
Boone.....	96	95	105	70	80		92	20	108	100		
Brown.....	70	79	85	100	90	95	80	19	100	92		
Bureau.....	98	94	90			100	80	15	95	95		
Calhoun.....	100	76	77			100	50	84	93	80		
Carroll.....	100	97	96			100	93	12	100	88	100	
Cass.....	96	81	75			110	100	26	102	100		
Champaign.....	100	98	95	93	100	112	100	17	103	97		90
Christian.....	103	86	77	100	50	88	58	17	95	86	90	90
Clark.....	96	83	90	92	87	95	85	22	97	62		
Clay.....	97	85	95			102	90	20	88		100	100
Clinton.....	110	65	80			100	61	30	75	77		
Coles.....	99	91	79	80	69	94	79	25	94	94		
Cook.....	97	95	93	93		125	90	20	99	93	100	138
Crawford.....	164	76	67			100	90	20	92	90		
Cumberland.....	97	87	91	100	90	100	77	18	97	100		
DeKalb.....	91	100	97				92	7	105	97	102	100
DeWitt.....	100	109	91	100	100	100	91	16	105	86		
Douglas.....	100	75	70	67	65	72	80		100	90		60
DuPage.....	95	87	100			105	90		97	90		70
Edgar.....	103	87	75	90		100	70	23	100			
Edwards.....	100	82	85			103	100	36	97	87		
Effingham.....	103	88	88			102	85	21	95	67		
Fayette.....	103	92	91	100	90	106	93	21	97	59		
Ford.....	96	109	96			100			102		102	98
Franklin.....	112	73	100			102	75	10	107	85		
Fulton.....	96	93	89			100	100	22	100	89		
Gallatin.....	95	74	79			90	80	42	89			
Greene.....	105	82	77			105	95	20	102	100		
Grundy.....	96	103	82			100	100	10	107	105	100	100
Hamilton.....	94	80	100			106	79	30	90	77		
Hancock.....	105	100	90			90	100	24	100	100		
Hardin.....	103	95	75			87	100		100	100		
Henderson.....	94	100	98				95	12	103	102		
Henry.....	90	96	88	97		105	100	42	104	88		
Iroquois.....	101	113	105			100	87	16	100	86	130	93
Jackson.....	72	82	75			75	75	24	95	90	75	75
Jasper.....	90	65	87			87	80	35	95	75	101	75
Jefferson.....	112	77	95			100	90	32	103	75		
Jersey.....	93	68	88	75	85	110	90	21	97	90	100	100
Jo Daviess.....	95	98	99			100	100	19	101	98	100	100
Johnson.....	87	83	88			87	85	23	97	87		
Kane.....	100	98	99				101	24	104	99	87	100
Kankakee.....	100	100	101	100	100	93	97	18	103	79		97
Kendall.....	93	99	85			100	100		102	99		100
Knox.....	107	103	100			103	100	22	102	102		
Lake.....	95	96	98	95	100	95	100	20	98	100	101	95
LaSalle.....	99	92	94			102	97	25	101	90		73
Lawrence.....	100	87	100	95	80	90	95	30	93	80	80	98

## Field Crops—Continued.

## ACREAGE AND CONDITION.

Counties.	CORN.			BROOM CORN		SORGHUM.		WINT'R WHEAT		SPR. WHT.		OATS	RYE.	BARL'Y		FLAX.	
	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.
Lee.....	99	101	105			102	100	100		102	106	100	99	101			
Livingston.....	95	99	92	100	100	103	99	95	20	100	101	88	100	100	94	103	
Logan.....	101	99	87			105	100	96	21		99	100					
Macon.....	97	83	80			100	100	64	18		97	92					
Macoupin.....	101	72	78			105		60	19		95	75					
Madison.....	106	85	81			105	75	59	27		102	100					
Marion.....	92	67	90		75	85	62	52	35	50	72	35					
Marshall.....	100	103	87			105	100	120		130	110	100					
Mason.....	105	95	82			200	95	92	19		100	100					
Massac.....	95	76	89			86	76	71	36		94	90					
McDonough.....	98	100	100			100	100	100	23	90	107	90					
McHenry.....	100	99	105	90	100	110	100	102	19	99	99	103	90	94	60	100	
McLean.....	99	93	90			60	80	89	23	80	102	94					
Menard.....	100	94	77	100	100	90	95	89	25	95	104	100	90				
Mercer.....	109	98	103	80		102	95	100	18		102	98					
Monroe.....	92	84	96	100	100	100	100	95	35		92	100	100	90			
Montgomery.....	96	78	72	100	50	98	89	50	16		94	83					
Morgan.....	101	82	75			110	90	74	23		98	100					
Moultrie.....	101	92	84	110		100	95	84	19		96	100			100	100	
Ogle.....	97	97	100	73	100	67	65	106	16	96	104	104	108	102			
Peoria.....	105	96	98			122	82	95	18	100	102	96	100				
Perry.....	114	87	100			100	95	68	33		102	85					
Piatt.....	102	97	97	95	100	105	100	85	23		100	97			80	100	
Pike.....	100	92	86			102	85	53	19		102	100					
Pope.....	100	70	85					75	30		100	90					
Pulaski.....	93	88	98	100	100	102	97	101	36		97	100	100	100			
Putnam.....	102	96	105			100	97	92	30	95	100	97					
Randolph.....	104	87	92	100	90	99	93	82	26		105	100					
Richland.....	107	81	86			80	60	49	24		99	88					
Rock Island.....	98	102	100			80	90	90	24	100	100	87					
Saline.....	103	85	93			100	97	82	30		101	91					
Sangamon.....	101	90	83	100	80	100	80	90	23		100	100					
Schuyler.....	102	91	85	100	100	90	100	82	24		104	100					
Scott.....	96	89	65					62	23		97	97					
Shelby.....	98	93	90	100	100	92	86	77	21		97	91	100	90			
Stark.....	97	101	100	100	100	100	100	100	19	97	103	97	100	100			
St. Clair.....	87	78	74					56	36		94	100	70	65			
Stephenson.....	94	96	101	100	100	100	100	93	15	100	102	96	95	100			
Tazewell.....	103	102	94	100	100	120	100	95	21		104	97					
Union.....	105	85	85	100	80	101	92	91	36		100	97	100	100			
Vermilion.....	100	100	70			100	100	42	18		115	80			80	100	
Wabash.....	95	83	88			100	95	66	30		89						
Warren.....	102	106	103	80	90	100	97	94	18	100	105	100	100	100			
Washington.....	105	100	99			100	100	66	30		97	93					
Wayne.....	100	75	87			90	75	30	22		102	70					
White.....	100	77	72	100	75	100	80	77			82	87					
Whiteside.....	100	75	70	100		100		50	24	100	100	90	100	100			
Will.....	82	88	97								97	105			100	100	
Williamson.....	102	84	98	100	85	98	86	64	34		104	100					
Winnebago.....	93	97	97			105	95	88	24	102	102	88	100	107			
Woodford.....	100	115	105	100	100	100	100	92	10	105	110	102	103	102			



## FIELD CROPS.

## ACREAGE AND CONDITION.

Counties.	COTT'N.	TOBAC- CO.	MEAD- OWS.	CLOVER	PAS- TURES.	IRISH POTA- TOES.	SWEET POTA- TOES.	CORN.					
	Acreage with 1883.	Acreage with 1883.	Acreage with 1883.	Acreage with 1883.	Acreage with 1883.	Acreage with 1883.	Acreage with 1883.	First ap- pearance above ground.					
	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.					
Adams.			95	98	95	94	101	96	102	100	93	96	
Alexander.			95	97	100	95	80	95	95	95	100	85	May 7.
Bond.			102	100	82	90	96	100	102	83	104	97	
Boone.			100	103	96	103	100	102	97	95			May 13.
Brown.			99	100	100	97	104	100	100	97	97	97	" 10.
Bureau.			100	100	96	92	101	102	101	90	100	90	" 14.
Calhoun.			101	95	102	100	107	97	97	97	110	105	
Carroll.			102	106	97	102	102	107	100	97	100	100	
Cass.			100	102	100	95	100	101	96	100	87	90	May 9.
Champaign.			100	100	102	100	105	103	102	100	100	100	" 16.
Christian.			94	94	98	97	103	97	100	94	93	81	
Clark.		57	82	95	99	93	87	99	92	88	81	101	91
Clay.			104	90	105	97	106	92	100	93	100	95	May 18.
Clinton.			102	102	100	93	105	95	89	80	93	97	" 23.
Coles.			91	94	96	90	100	97	93	85	98	97	" 21.
Cook.			101	97	100	102	101	98	95	100			
Crawford.		90	80	99	96	100	86	107	97	80	86	109	90
Cumberland.		100	100	100	100	105	97	105	100	92	87	102	97
DeKalb.			104	106	97	102	102	102	100	97			May 18.
DeWitt.			100	106	100	105	100	105	89	100	100	100	
Douglas.			85	85	100	90	90	90	100	100	90	90	May 15.
DuPage.			97	92	100	82	100	90	100	85			May 22.
Edgar.			94	102	97	87	98	102	92	91	100	100	May 25.
Edwards.		100	100	98	97	93	92	95	92	100	102	100	April 14.
Effingham.		100	90	103	100	100	100	108	88	87	92	95	95
Fayette.		100	100	101	100	105	95	103	100	92	98	97	100
Ford.			104	102	112	100	105	99	102	104			" 9.
Franklin.		100	100	103	83	110	90	100	83	100	96	100	100
Fulton.			94	103	86	92	102	103	95	100	100	100	" 13.
Gallatin.		100	95	103	100	90	88	93	92	87	98	90	91
Greene.			100	98	108	107	100	103	103	100	100	95	" 12.
Grundy.			107	103	105	102	101	102	101	102			" 16.
Hamilton.			101	95	109	87	101	91	99	95	82	100	" 1.
Hancock.			90	95	100	100	100	90	100	100			
Hardin.			103	100	110	100	100	105	103	106	100	100	May 1.
Henderson.			101	100	102	102	104	105	95	100	95	97	" 5.
Henry.			99	93	96	96	100	97	98	102	102	95	" 6.
Iroquois.			96	95	92	95	103	96	119	101	100	100	" 5.
Jackson.			100	100	95	95	100	100	75	87	100	90	" 15.
Jasper.		60	60	105	95	100	87	100	92	85	75	100	95
Jefferson.		100	75	103	97	113	102	103	97	98	88	107	103
Jersey.			100	110	103	103	108	112	97	95	125	125	May 10.
Jo Daviess.		90	90	101	103	99	100	101	104	96	94		" 15.
Johnson.		100	100	86	80	87	80	88	85	98	98	96	94
Kane.			99	101	96	100	102	98	99	99			" 17.
Kankakee.			91	98	91	101	105	101	95	100	100	100	" 14.
Kendall.			101	95	102	98	100	91	95	92			" 12.
Knox.			94	99	94	97	103	99	88	100	99	100	" 10.
Lake.			101	99	95	96	101	100	97	92			" 25.
LaSalle.			98	102	96	104	100	100	91	84	105	105	" 15.
Lawrence.			102	105	130	78	103	100	95	100	100	102	" 7.

## Field Crops—Continued.

## ACREAGE AND CONDITION.

Counties.	COTT'N.	TOBAC- CO.	MEAD- OWS.	CLOVER	PAS- TURES.	IRISH POTA- TOES.	SWEET POTA- TOES.	CORN.						
	Acreage with 1883.....	Condition June 1, 1884 Acreage compared with 1883.....	Condition June 1, 1884 Acreage compared with 1883.....	Condition June 1, 1884 Acreage compared with 1883.....	Condition June 1, 1884 Acreage compared with 1883.....	Condition June 1, 1884 Acreage compared with 1883.....	Condition June 1, 1884 Acreage compared with 1883.....	First ap- pearance above ground.						
	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.							
Lee.....	.....	100	100	98	103	104	102	103	106	101	99	97	96	.....
Livingston.....	.....	.....	.....	103	99	88	92	105	101	94	99	92	100	.....
Logan.....	.....	.....	.....	103	104	100	104	104	101	101	100	100	100	.....
Macon.....	.....	.....	.....	92	93	100	100	102	92	93	92	100	90	May 22
Macoupin.....	.....	.....	.....	101	99	109	94	102	97	96	97	87	92	" 13
Madison.....	.....	.....	.....	103	94	100	81	102	99	96	93	100	100	" 13
Marion.....	.....	.....	.....	95	95	105	100	80	85	90	70	100	75	" 18
Marshall.....	.....	.....	.....	98	100	107	98	103	103	110	107	100	100	" 9
Mason.....	.....	.....	.....	100	100	100	100	100	105	97	97	80	100	" 10
Massac.....	85	82	.....	100	91	109	104	96	96	107	102	97	97	April 26
McDonough.....	.....	.....	.....	103	103	100	110	100	103	95	100	100	95	May 1
McHenry.....	.....	.....	.....	98	95	97	93	101	96	93	102	100	100	.....
McLean.....	.....	.....	.....	97	103	99	99	94	102	94	102	97	98	.....
Menard.....	.....	.....	.....	105	103	100	100	102	100	97	102	100	97	.....
Mercer.....	.....	.....	.....	105	98	101	100	101	103	90	105	92	97	.....
Monroe.....	.....	.....	.....	101	99	97	100	97	96	102	97	100	100	May 15
Montgomery.....	.....	.....	.....	105	101	92	86	100	102	89	80	100	97	.....
Morgan.....	.....	.....	.....	98	100	92	110	97	100	104	102	100	97	.....
Moultrie.....	.....	.....	.....	99	98	102	102	101	99	97	100	100	100	.....
Ogle.....	.....	.....	.....	102	110	94	98	100	110	97	84	100	100	.....
Peoria.....	.....	.....	.....	94	103	97	99	104	103	93	97	100	93	.....
Perry.....	.....	100	95	106	100	110	100	104	97	106	102	96	96	May 16
Piatt.....	.....	.....	.....	101	101	103	100	104	101	92	97	100	102	" 7
Pike.....	.....	.....	.....	92	92	90	90	97	98	100	100	97	100	" 17
Pope.....	.....	.....	.....	95	100	100	100	85	100	.....	.....	.....	.....	.....
Pulaski.....	.....	95	100	101	100	105	103	102	103	98	103	117	100	May 12
Putnam.....	.....	.....	.....	97	101	105	97	101	101	96	97	98	97	" 15
Randolph.....	.....	.....	.....	105	101	103	100	105	102	95	99	87	100	.....
Richland.....	.....	.....	.....	101	100	96	94	100	100	89	97	97	93	May 22
Rock Island.....	.....	.....	.....	96	97	91	91	97	97	100	98	100	100	" 12
Saline.....	.....	115	100	93	97	103	89	97	100	102	100	97	98	April 22
Sangamon.....	.....	.....	.....	96	105	100	97	100	102	98	100	100	100	May 14
Schuyler.....	.....	.....	.....	97	96	84	85	97	92	100	102	100	100	" 12
Scott.....	.....	.....	.....	37	106	97	101	100	100	99	100	97	12	" 12
Shelby.....	.....	100	98	93	97	100	100	100	97	82	95	102	89	" 19
Stark.....	.....	.....	.....	99	94	100	94	102	97	99	100	100	100	" 9
St. Clair.....	.....	100	100	102	102	100	92	101	104	74	77	94	96	" 23
Stephenson.....	.....	100	100	100	103	102	100	101	102	100	94	100	100	" 18
Tazewell.....	.....	.....	.....	101	101	103	101	101	101	93	93	94	85	" 11
Union.....	.....	100	100	102	100	107	102	104	100	104	102	110	97	" 5
Vermilion.....	.....	.....	.....	100	105	110	110	95	105	95	105	.....	.....	" 15
Wabash.....	.....	100	100	97	96	92	77	100	85	100	100	93	93	" 6
Warren.....	.....	.....	.....	100	107	101	107	100	109	93	107	104	104	" 6
Washington.....	.....	100	100	102	103	105	103	105	97	93	87	100	97	" 12
Wayne.....	.....	110	.....	102	103	90	53	103	97	97	93	103	88	" 15
White.....	.....	.....	.....	95	92	94	90	97	87	93	97	90	90	" 20
Whiteside.....	.....	.....	.....	110	105	110	105	100	100	80	87	100	75	" 14
Will.....	.....	.....	.....	95	100	92	100	96	93	82	87	.....	.....	" 17
Williamson.....	100	100	.....	107	102	104	105	100	108	100	106	100	100	" 9
Winnebago.....	.....	100	90	100	107	95	105	100	105	92	82	.....	.....	" 11
Woodford.....	.....	.....	.....	97	90	93	100	93	100	105	112	100	95	" 14

## YOUNG LIVE STOCK.

NUMBER AND CONDITION COMPARED WITH AN AVERAGE.

Counties.	Spring pigs—number . . .	Spring lambs—number . .	Spring lambs—condition.	Colts—number . . . . .	Colts—condition . . . . .	Calves—number . . . . .	Calves—condition . . . . .	Counties.	Spring pigs—number . . .	Spring lambs—number . .	Spring lambs—condition.	Colts—number . . . . .	Colts—condition . . . . .	Calves—number . . . . .	Calves—condition . . . . .		
Adams . . . . .	84	95	93	103	90	97	100	97	Lee . . . . .	78	94	91	99	99	100	103	100
Alexander . . . . .	97	95	105	100	105	100	82	95	Livingston . . . . .	89	96	93	100	104	101	94	101
Bond . . . . .	76	84	83	97	96	99	100	96	Logan . . . . .	103	98	99	100	107	101	101	101
Boone . . . . .	89	84	100	100	101	99	110	95	Macon . . . . .	87	100	92	100	100	100	100	100
Brown . . . . .	87	80	95	90	75	75	80	100	Macoupin . . . . .	97	102	93	92	120	92	116	105
Bureau . . . . .	85	95	83	87	95	95	99	100	Madison . . . . .	92	97	91	100	88	95	100	102
Calhoun . . . . .	85	83	100	95	92	97	102	100	Marion . . . . .	87	80	100	97	55	70	100	100
Carroll . . . . .	80	92	87	87	80	100	103	100	Marshall . . . . .	105	107	102	100	105	97	105	100
Cass . . . . .	88	97	87	100	93	100	100	100	Mason . . . . .	73	93	...	...	103	100	93	100
Champaign . . . . .	125	100	80	100	100	100	100	100	Massac . . . . .	100	99	97	95	107	100	101	97
Christian . . . . .	70	82	91	94	93	96	97	97	McDonough . . . . .	105	90	80	95	105	100	107	100
Clark . . . . .	87	96	87	93	90	79	100	100	McHenry . . . . .	80	91	87	95	92	95	104	96
Clay . . . . .	100	88	95	100	66	97	100	100	McLean . . . . .	100	96	96	95	97	100	100	100
Clinton . . . . .	100	100	95	92	94	95	100	100	Menard . . . . .	94	97	96	102	102	97	98	100
Coles . . . . .	85	100	96	100	96	96	94	100	Mercer . . . . .	95	100	87	100	95	100	102	100
Cook . . . . .	77	100	100	100	95	100	100	100	Monroe . . . . .	93	98	87	97	102	100	103	100
Crawford . . . . .	98	87	92	90	80	71	94	100	Montgomery . . . . .	97	101	91	101	93	100	96	102
Cumberland . . . . .	99	95	94	94	94	96	101	100	Morgan . . . . .	93	100	115	100	107	100	99	100
DeKalb . . . . .	86	97	93	100	96	96	103	98	Moultrie . . . . .	89	97	95	100	104	100	104	100
DeWitt . . . . .	104	95	95	100	107	95	102	100	Ogle . . . . .	89	94	96	94	102	100	101	93
Douglas . . . . .	82	100	...	...	85	100	95	95	Peoria . . . . .	87	99	86	99	99	98	102	101
DuPage . . . . .	82	95	90	100	90	92	110	100	Perry . . . . .	95	106	92	99	96	95	102	100
Edgar . . . . .	92	92	88	97	103	100	96	99	Piatt . . . . .	94	101	90	98	99	100	100	100
Edwards . . . . .	100	95	87	100	50	85	100	100	Pike . . . . .	105	100	95	100	110	100	95	100
Effingham . . . . .	87	92	83	97	35	83	103	100	Pope . . . . .	80	90	100	95	100	100	100	100
Fayette . . . . .	88	96	86	98	97	95	102	100	Pulaski . . . . .	98	100	90	100	105	100	100	100
Ford . . . . .	113	100	75	100	97	100	112	100	Putnam . . . . .	97	101	100	99	92	99	99	99
Franklin . . . . .	103	100	100	100	103	100	103	100	Randolph . . . . .	102	100	82	100	103	100	107	100
Fulton . . . . .	93	105	99	100	102	100	98	98	Richland . . . . .	81	90	71	87	60	71	97	95
Gallatin . . . . .	101	93	74	90	96	97	92	95	Rock Island . . . . .	74	92	78	90	92	97	97	99
Greene . . . . .	87	92	82	100	100	100	105	103	Saline . . . . .	108	97	103	93	103	100	100	98
Grundy . . . . .	82	90	97	100	97	92	105	103	Sangamon . . . . .	80	90	87	100	95	100	105	100
Hamilton . . . . .	110	77	87	100	103	95	110	103	Schuyler . . . . .	81	89	95	88	100	87	94	95
Hancock . . . . .	110	110	...	...	90	100	100	100	Scott . . . . .	90	95	90	100	98	100	98	100
Hardin . . . . .	87	93	105	105	100	100	90	107	Shelby . . . . .	95	97	97	100	99	102	104	103
Henderson . . . . .	79	100	60	100	90	100	96	100	Stark . . . . .	95	97	95	100	100	102	102	100
Henry . . . . .	99	98	100	100	103	100	101	100	St. Clair . . . . .	106	100	96	97	90	100	100	100
Iroquois . . . . .	75	100	87	105	90	100	102	100	Stephenson . . . . .	75	91	100	102	89	95	101	100
Jackson . . . . .	87	100	100	100	95	100	100	100	Tazewell . . . . .	84	97	85	92	102	94	98	100
Jasper . . . . .	70	100	90	100	75	75	82	100	Union . . . . .	97	100	99	95	107	105	105	102
Jefferson . . . . .	97	75	100	100	108	97	97	100	Vermilion . . . . .	100	105	100	100	105	100	95	100
Jersey . . . . .	57	125	100	150	100	100	98	120	Wabash . . . . .	88	100	96	100	85	93	95	100
JoDaviess . . . . .	94	87	100	100	100	98	99	99	Warren . . . . .	107	107	92	101	112	105	101	101
Johnson . . . . .	97	92	85	85	107	104	95	98	Washington . . . . .	100	102	85	93	96	97	97	98
Kane . . . . .	91	98	89	99	96	101	100	101	Wayne . . . . .	98	100	92	100	75	93	100	100
Kankakee . . . . .	98	100	108	100	99	98	104	100	White . . . . .	80	97	90	97	83	92	101	101
Kendall . . . . .	89	97	85	100	100	100	100	100	Whiteside . . . . .	105	105	90	90	105	105	105	105
Knox . . . . .	101	95	92	100	100	97	102	100	Will . . . . .	95	100	100	100	100	100	100	100
Lake . . . . .	79	94	91	98	101	100	106	100	Williamson . . . . .	103	86	96	102	102	100	100	100
LaSalle . . . . .	82	100	102	100	93	98	95	100	Winnebago . . . . .	75	100	97	103	95	93	103	108
Lawrence . . . . .	107	92	97	100	90	100	103	107	Woodford . . . . .	92	97	100	100	102	103	92	100



*Distribution and amount of precipitation for May, 1884, reported to the Illinois Department of Agriculture, by Volunteer and Signal Service Observers.*

[illegible]

*SUMMARY of Meteorological Observations for the month of May, 1884, made to the Illinois Department of Agriculture, Springfield, June 1, 1884. Hours for taking Observations: 7 A. M., 2 P. M., 9 P. M.*

STATIONS.	Elevation above sea level.....	BAROMETER.			THERMOMETER.			HUMIDITY.	* WIND.		RAIN.							
		Inch	Inch	Inch	Deg.	Deg.	Deg.		Per cent.	Direction.	M'les	Inch	No.	No.				
															Mean.....	Mean.....	Mean.....	Maximum veloc'y or force
STATIONS.																		
NORTHERN DIVISION.																		
County.	Postoffice.																	
McHenry	Marengo	925			78.50	39.00	57.00			SW & NE	4	2.56	10	6				
Ogle	Polo				82.90	30.00	58.09			SW & NE		2.77	6	8				
DeKalb	Sycamore	800			78.00	43.00	56.88			NE	4	3.18	8	11				
Cook	Chicago	661	30.365	29.484	78.00	40.00	56.70	65.50		N	4	1.53	10					
Kane	Aurora	676	30.310	29.480	82.00	40.00	59.63	74.00		W & SE	3	2.26	11	7				
Lee	Prairieville	725	30.270	29.450	80.00	44.00	60.00	72.26		S	5	4.50	12	5				
Whiteside	Morrison	970			80.00	39.00	59.52			SW		2.84	11					
Rock Island	Rock Island	528			82.00	38.00	61.55					4.91	12	11				
Warren	Monmouth	700	29.780	29.080	82.00	35.00	62.32			SE	5	3.79	12	5				
Peoria	Peoria	460	29.951	29.155	84.00	44.00	63.90	65.30		W	4	5.50	12	7				
Average			30.135	29.329	80.65	39.20	59.55	69.26				3.38	10					
CENTRAL DIVISION.																		
Logan	Atlanta	810			86.00	34.00	58.77			SE & SW		5.25	13	6				
Menard	Petersburg	544	30.570	29.820	80.00	40.00	60.00			SE	5	4.85	8	10				
Sangamon	Springfield	644	30.322	29.624	78.10	41.00	62.20	65.00		W	4	3.79	10	6				
Pike	Griggsville	625	30.470	29.670	80.00	38.00	60.50			SW	4	5.46	10	6				
Coles	Mattoon	724			85.00	42.00	60.00			S		4.96	11					

Christian.....	Pana.....	760	.....	.....	81.00	47.00	63.05	.....	NW	4	2.25	3	14
Macopin.....	Bunker Hill.....	700	30.250	29.680	85.50	38.00	61.86	.....	NE & SE	5	4.27	12	.....
Average .....	.....	.....	30.403	29.688	82.22	40.00	60.91	65.00	.....	4.5	4.39	9	8
SOUTHERN DIVISION.													
Crawford.....	Palestine.....	.....	.....	.....	84.00	52.00	63.66	.....	SW	3	5.38	13	6
Bond.....	Greenville.....	.....	.....	.....	90.00	49.00	65.33	.....	W	.....	7.89	11	10
Madison.....	Collinsville.....	.....	.....	.....	85.00	43.00	62.50	.....	.....	.....	4.21	12	.....
Marion.....	Centuria.....	492	.....	.....	89.00	43.00	63.00	.....	NE	4	3.37	12	10
St. Clair.....	Mascoutah.....	.....	.....	.....	78.00	40.00	.....	.....	.....	.....	7.70	.....	.....
Perry.....	Swanwick.....	.....	.....	.....	83.00	46.00	63.05	.....	S	5	4.84	12	5
Hamilton.....	McLeansboro.....	.....	.....	.....	85.00	44.00	63.38	.....	SW & W	4	2.80	11	7
Union.....	Anna.....	630	30.280	29.750	83.00	47.00	65.46	.....	S & NE	4	4.99	11	4
Pope.....	Golconda.....	.....	.....	.....	86.00	50.00	66.38	.....	NW & W	5	4.74	13	6
Alexander.....	Cairo.....	377	30.224	29.722	82.50	49.00	66.40	69.90	S	5	4.57	16	.....
Average.....	.....	.....	30.252	29.736	84.55	46.80	64.34	69.90	.....	4.28	5.04	12	7
State Average.....	.....	.....	30.263	29.583	82.47	42.00	61.60	67.72	.....	4.34	4.27	10	7

\*WIND.—Maximum velocity or force is estimated as follows: 1. Very light breeze, varies between 1 and 2 miles per hour. 2. Gentle breeze varies between 3 and 5 miles per hour. 3. Fresh breeze, varies between 6 and 14 miles per hour. 4. Strong wind, varies between 15 and 29 miles per hour. 5. High wind, varies between 30 and 39 miles per hour. 6. Gale, varies between 40 and 59 miles per hour. 7. Strong gale, varies between 60 and 69 miles per hour. 8. Violent gale, varies between 70 and 79 miles per hour. 9. Hurricane, varies between 80 and 99 miles per hour. 10. Most violent hurricane, varies from 100 upwards.



## REMARKS FOR MAY.

**MCHEMRY COUNTY**—JOHN W. JAMES, Observer, Marengo. Temperature, on May 1, of well 34 feet deep,  $46^{\circ}.3$ ; of well 50 feet deep,  $46^{\circ}.5$ . Thunderstorm on the 1st. Frost on the 3d, 14th, 20th, 29th and 30th. Solar halo on the 3d, 11th, 17th and 31st. Lunar halo on the 9th. Polar bands on the 16th. The mean temperature of May, 1884, has been  $0^{\circ}.3$  above the mean of 23 Mays past, and the amount of rain  $0.90$  inches less than the mean amount of the May average for the same period. May '65, '70, '71, '74 and '77 were drier. Mean temperature of the spring, 1884,  $43^{\circ}.3$ , or  $0^{\circ}.3$  below the spring average of 23 years past. The total precipitation has been  $6.92$  inches, or  $1.85$  inches less than the mean amount of 23 springs past. The winds for the month have been—north, 7 times; northeast, 20; east, 4; southeast, 5; south, 8; southwest, 21; west, 12; northwest, 13, and calm 3 times. The winds for the spring of '84 have been distributed as follows: North, 25 times; northeast, 71; east, 28; southeast, 12; south, 28; southwest, 34; west, 31; northwest, 41, and calm 6 times, showing a large prevalence of northeast wind. The mean temperature of the two growing months—April and May combined—has been  $50^{\circ}.3$ , or  $0^{\circ}.1$  above the mean of this period of 23 years, and the total precipitation  $0.69$  inches less than the average.

**OGLE COUNTY**—A. B. SWENEY, Observer, Polo. Frost on the 3d, 16th and 29th. Solar halo on the 3d and 16th. Highest daily mean temperature,  $70^{\circ}.25$ , on the 22d, and lowest daily mean,  $47^{\circ}.75$ , on the 29th; average temperature at 7 A. M.,  $47^{\circ}.51$ ; at 2 P. M.,  $68^{\circ}.61$ , and 9 P. M.,  $58^{\circ}.03$ ; average temperature for the month,  $58^{\circ}.09$ . There were 14 clear, 9 fair, and 8 cloudy days. The winds were, northeast, 32 times; east, 4; southeast, 2; southwest, 32; west, 3, and northwest, 20 times.

**DEKALB COUNTY**—ROSSELL DOW, Observer, Sycamore. Thunder storm on the 1st, 6th and 10th. Frost May 14, 16, 29, 30 and 31. Highest temperature,  $78^{\circ}$ , on the 22d, and lowest,  $46^{\circ}.8$ , on the 28th. The winds for the month—north, 11 times; northeast, 18; east, 8; southeast, 11; south, 15; southwest, 14; west, 11; northwest, 10, and calm 3 times. There were 11 clear, 9 fair and 11 cloudy days.

**COOK COUNTY**—T. B. JENNINGS, Sergeant Signal Corps, U. S. A., Chicago. Thunderstorm on the 1st and 4th. Frost on the 29th. Lunar halo on the 9th. Highest daily mean barometer,  $30.320$ , on the 29th, and lowest daily mean,  $29.610$ , on the 1st. Highest daily mean temperature,  $71^{\circ}.3$ , on the 22d, and lowest daily mean,  $45^{\circ}.2$ , on the 28th. Mean temperature of the month,  $4^{\circ}.6$  above the mean of May, 1883, and  $0^{\circ}.2$  below

the May average of the past 13 years. May '74, '76, '77, '79, '80 and '81 were warmer. The precipitation for May, 1884 ( $1.53$  inches), is  $5.79$  inches less than May, '83, and  $2.27$  inches less than the May average of the past 13 years. Highest velocity of wind and direction, 25 miles per hour, northwest. Total movement for the month,  $6,016$  miles. There were 9 clear and 17 fair days.

**KANE COUNTY**—M. M. ROBBINS, Observer, Aurora. Thunderstorms on the 1st, 6th, 10th, 13th, 18th and 20th. Frosts on the 14th, 16th, 29th and 30th. Lunar halo on the 5th and 31st. Highest daily mean barometer,  $30.280$ , and lowest daily mean,  $29.610$ , on the 1st. Highest daily mean temperature,  $49^{\circ}$ , on the 28th.

**LEE COUNTY**—M. SCHICK, Observer, Prairieville. Thunderstorm on the 5th and 23d. Frost May 3, 14, 16, 29 and 30. Solar halo on the 24th. Highest daily mean barometer  $30.231$ , on the 29th, and lowest daily mean  $29.591$ , on the 18th. Highest daily mean temperature  $73^{\circ}.1$ , on the 22d, and lowest daily mean  $50^{\circ}.1$ , on the 16th. Greatest velocity of wind, 39 miles per hour, north, at 9 P. M. on the 15th. Total movement of wind for the month,  $5,108$  miles.

**WHITESIDE COUNTY**—S. A. MAXWELL, Observer, Morrison. Thunderstorms on the 5th, 12th, 22d and 23d. Frost on the 3d, 14th, 16th, 29th and 30th; the frost of the 29th was very destructive to gardens, strawberries injured, and some of the earlier sorts of raspberries almost entirely destroyed. Highest daily mean temperature  $72^{\circ}.25$ , and lowest daily mean  $50^{\circ}.05$ , on the 13th.

**ROCK ISLAND COUNTY**—D. W. FAYLOR, Lieut. Col. of Ordnance, U. S. A., R. I. Arsenal, Observer. Mean temperature of the month,  $61^{\circ}.55$ . Highest daily mean temperature  $69^{\circ}.6$ , on the 22d, and lowest daily mean  $49^{\circ}$ , on the 14th. Heaviest rainfall  $1.35$  inches, on the 5th; total precipitation for the month,  $4.91$  inches.

**WARREN COUNTY**—SMITH and DUNBAR, Observers, Monmouth. Thunderstorms on the 5th and 13th. Frosts May 14, 29 and 30. Highest daily mean barometer  $29.760$ , on the 29th, and lowest daily mean  $29.120$ , on the 18th. Highest daily mean temperature  $75^{\circ}$ , on the 22d, and lowest daily mean  $51^{\circ}$ , on the 2d. Wind for the month: north, 6 times; northeast, 14; east, 8; southeast, 19; south, 7; southwest, 12; west 11, and northwest 14 times.

**PEORIA COUNTY**—FRED. BRENDL, Observer, Peoria. Thunderstorm on the 5th, 12th and 22d. Highest barometer  $29.951$  on

the 29th, and lowest daily mean 29.155, on the 1st. Highest daily mean temperature 84°, on the 21st and 22d.

**LOGAN COUNTY**—R. W. BURT, Observer, Atlanta. Thunderstorm on the 1st, 5th, 7th and 18th. Frost on the 29th and 30th, doing some damage to tender plants. Highest temperature 86°, on the 22d, and lowest 34°, on the 29th and 30th. Highest daily mean temperature 69°, on the 22d, and lowest daily mean 50°, on the 29th.

**MENARD COUNTY**—J. D. WHITLEY, Observer, Petersburg. Highest daily mean barometer, 30.520, on the 29th, and lowest daily mean, 29.883. Highest daily mean temperature, 75°, on the 22d, and lowest daily mean, 51°.5, on the 2d. The winds of the month were—north 14 times; NE, 7; E, 2; SE, 18; south, 16; SW, 4; west, 17; NW, 15 times. Of 93 observations of the weather, 52 were clear, 12 fair and 29 were cloudy.

**SANGAMON COUNTY**—W. NORRINGTON, Sergeant Signal Corps, U. S. A., Springfield. Thunderstorms on the 1st, 5th, 7th and 18th. Hail on the 5th. Frost on the 29th. Lunar halo on the 4th, 7th and 31st. Highest barometer, 30.322, on the 29th; lowest, 29.624, on the 18th; highest daily mean barometer, 30.300, on the 29th, and lowest daily mean, 29.691, on the 18th. Highest temperature, 78°.1, on the 21st, and lowest, 41°, on the 29th; highest daily mean temperature, 71°.8, on the 22d, and lowest daily mean, 54°.1, on the 28th. Greatest daily range of temperature, 28°.1, on the 30th, and least daily range, 7°, on the 6th. Highest velocity of wind, 24 miles per hour, on the 5th and 19th; total movement for the month, 5,415 miles.

**PIKE COUNTY**—A. MONROE, Observer, Griggsville. Thunderstorms on the 5th, 18th and 26th. Frost on the 29th. Solar halo on the 3d, 12th, 17th and 21st. Highest daily mean barometer, 30.370, on the 29th, and lowest daily mean, 29.740, on the 18th. Highest daily mean temperature, 70°, on the 22d, and lowest daily mean, 51°, on the 2d. The winds of 93 observations were, north, 4 times; NE, 16; east, 5; SE, 12; south, 6; SW, 24; west, 11; NW, 15 times.

**COLES COUNTY**—WM. DOSIER, Observer, Mattoon. Thunderstorms on the 5th, 6th and 18th. Highest daily mean temperature, 74°, on the 22d, and lowest daily mean, 54°, on the 2d and 28th. May temperature compared: May, 1884, 66°; 1883, 61°; 1882, 59°; 1881, 71°; and 1880, 70°; average of years, 65°.4. The average precipitation for May during the same period, 4.80 inches.

**CHRISTIAN COUNTY**—J. K. EBERLE, Observer, Pana. Thunderstorms on the 3d, 5th and 12th. Frost on the 14th. Highest temperature, 81°, on the 31st, and lowest, 47°, on the 2d. Of 93 observations of the weather, 49 were clear, 7 fair and 37 cloudy. Winds followed by rain, south and SE; by clear or fair weather, NW and west.

**MACOUPIN COUNTY**—F. C. ZIMMERMAN, Observer, Bunker Hill. Thunderstorms on the 1st, 5th, 6th, 10th, 19th and 25th. Highest daily mean barometer, 30.230, on the 29th, and lowest daily mean, 29.670, on the 19th. Highest daily mean temperature, 72°.7, on the 22d, and lowest daily mean, 54°, on the 2d. Greatest daily range of temperature, 37°, on the 14th, and least daily range, 13°, on the 6th. On the 18th 1.47 inches rain fell in one hour, from 2 to 3 o'clock P. M.

**CRAWFORD COUNTY**—J. E. TEMPLETON, Observer, Palestine. Thunderstorm on the 6th, 18th and 19th; distant thunder and diffuse lightning in the west at 2 A. M. on the 1st; distant thunder at intervals from 8:30 to 10 P. M. on the 12th; distant thunder at 4 A. M. on the 13th and 15th; thunder and diffuse lightning southwest at 8:30 P. M. on the 23d, and distant thunder in the northwest, northeast and east at 2:30 P. M. on the 27th. Frost on the 29th and 30th. Highest daily mean temperature, 79°, on the 22d, and lowest daily mean, 52°.87, on the 2d. Mean temperature of the month, 63°.66, is 5°.13 above the mean of May, 1883.

**BOND COUNTY**—JOHN B. WHITE, Observer, Greenville. Thunderstorm on the 5th, 12th and 24th. Highest daily mean temperature, 74°, on the 22d, and lowest daily mean, 53°.5, on the 3d. The winds of the month were: north, 3 times; northeast, 9; east, 8; southeast, 16; south, 10; west 27 and northwest 10 times.

**MADISON COUNTY**—J. L. R. WADSWORTH, Collinsville. Hail storm on the 12th. Lightning observed on May 1, 5, 6, 8, 11, 12 and 25. Rain fell on 12 days, and the water level in the ground as high as ever known here. There have been 17 clear, 6 fair and 8 cloudy days. The mean temperature for the month, 62°.5, is 3°.9 below the average, and was exceeded by May 1838, '57, '67 and 1833.

**MARION COUNTY**—J. L. HALLAM, Observer, Centralia. Thunderstorm on the 18th. Frost on the 15th. Highest daily mean temperature, 74°.5, on the 22d, and lowest daily mean, 52°, on the 30th. The winds of the month: northeast, 29 times; southeast, 23; southwest 21, and northwest 20 times. Of 93 observations of the weather, 60 were clear, 8 fair and 25 cloudy.

**PERRY COUNTY**—J. C. ELLIOTT, Observer, Swanwick. Thunderstorm May 1, 5, 12 and 18. Solar halo on the 5th, 15th and 17th. Highest temperature, 83°, at 2 P. M. on the 10th, and lowest, 46°, at 7 A. M. on the 2d. Highest daily mean temperature, 73°, on the 23d, and lowest daily mean, 55°.2, on the 3d. The monthly mean, 63°.5, is 0°.2 above the May average of the past three years, and the precipitation for the month, 4.84 inches, is .71 of an inch above the average for May during the same period. Winds followed by rain, east, southeast and south; by clear or fair weather, west and north.

**HAMILTON COUNTY**—W. P. GIBBS, Observer, McLeansboro. Thunderstorms May 3, 5, 12, 13, 18 and 21. Solar halo on the 15th, 17th and 31st. Highest daily mean temperature, 73°.7, on the 22d, and lowest daily mean, 49°.7, on the 2d; range of temperature for the month, 41°. Of 93 observations, the wind was north 4 times; northeast, 7; east, 4; southeast, 6; south, 4; southwest, 21; west, 9; northwest, 8, and calm 30 times. Of 93 observations of the weather, 43 clear, 24 fair and 26 cloudy. Winds followed by ain, southeast, south and southwest; by clear or fair weather, north and northwest.

**UNION COUNTY**—J. D. NEWBIGIN, Observer, Anna. Thunderstorms May 5, 6, 11, 12, 13, 17 and 21. Diffuse lightning west, north and east at 9 P. M. on the 22d; south and west at 8 P. M. on the 23d, and in the south at 8 P. M. on the 25th. Solar halo on the 15th and 17th. Highest daily mean barometer, 30.230, and lowest daily mean, 29.800. Highest daily mean temperature, 74°.2, and lowest daily mean, 55°.5. The mean temperature, 65°.46, is 1°.69 lower than the May

average of the past 9 years, and the rainfall, 4.99 inches, is 0.79 less than the average for the same period. Wind followed by rain, northeast and south; by clear or fair weather, northwest and north.

POPE COUNTY—J. E. Y. HANNA, Observer, Goleonda. Thunderstorm on May 1, 3, 5, 11, 12, 18 and 23. Hail on the 18th. Solar halo on the 17th and lunar halo on the 2d. Highest daily mean temperature, 75°, on the 12th and 23d, and lowest daily mean, 55°.5, on the 4th. Of 93 observations of the weather, 42 were clear, 18 fair, and 33 cloudy. Winds followed by rain, east, south, south-east and southwest; by clear or fair weather, west and northwest. High wind from west at 8 P. M. on the 5th. Wheat heads appeared on the 12th.

ALEXANDER COUNTY—WM. H. RAY, Sergeant Signal Corps, U. S. A., Cairo.

Highest barometer, 30.274, on the 30th, and lowest, 29.722, on the 18th; highest daily mean, 30.242, on the 29th, and lowest daily mean, 29.808, on the 6th. Highest temperature, 82°.5, on the 10th, and lowest, 49°, on the 2d; highest daily mean, 74°, on the 10th, and lowest daily mean temperature, 55°.5, on the 2d. Mean temperature of the month, 66°.4, is 1°.3 below the May average of 13 years past, only May, 1875, 1877, 1882 and 1883 were colder. The rainfall for the month, 4.57 inches, is 0.30 more than the average for May during the same period. Thunder and lightning occurred on May 1, 4, 5, 11, 12, 17, 18, 21, 22, 23 and 25. There were 9 clear, 15 fair and 7 cloudy days. Winds of 25 miles per hour and over occurred as follows: On the 1st, southwest, 29 miles; 4th, south, 28; 6th, west, 32; 10, southwest, 34; 12, northwest, 25; 18th, south, 25; 19th, northwest, 25; 21st, southwest, 30; 22d, south, 30 miles per hour. Total movement of wind for the month, 6,551 miles.



## CORRESPONDENTS' REMARKS.

**ADAMS**—The area of corn is some larger than last season, and the condition is nearly up to an average. Some early planted corn was above ground the 4th of May. Seed corn was not up to an average in condition. Wheat is not quite two feet high on an average, and from present prospects will not make two-thirds of an average yield per acre. Considerable cheat has been developed the past ten days that was supposed to be sure to make an average yield per acre of wheat. Oats are nearly up to an average in condition. Rye will hardly make an average yield per acre. The area of barley is as large as last season. Meadows and pastures are nearly up to an average in condition. Clover meadows are not looking as well as timothy meadows. The area of pastures is some larger than in 1883. Irish and sweet potatoes are up to an average in condition. The area of Irish potatoes is some larger than last season; not as many sweet potatoes planted as in 1883. The percentage of bloom and condition of fruit as compared with June 1, 1883, is as follows: Apples, bloom, 102; condition, 94; pears, bloom, 100; condition, 77; plums, bloom, 100; condition, 87; cherries, bloom, 97; condition, 88; grapes, bloom, 67; condition, 67; strawberries, bloom, 100; condition, 94; raspberries, bloom, 101; condition, 97; blackberries, bloom, 90; condition, 90; gooseberries, bloom, 94; condition 92. Not as many spring pigs, lambs or colts as last season. Lambs are above an average in condition; other young stock is nearly up to an average in condition.

**ALEXANDER**—The area of corn is some larger than last season; the season is backward and corn has not made usual growth. The area of broom corn is not as large as last season, and from present prospects there will not be over three-fourths of an average yield per acre; same may be said of sorghum cane. Winter wheat is nearly up to an average in condition; same may be said of oats and rye. Meadows and pastures are up to an average in condition; the area of grass lands is not as large as last season. Irish potatoes look well and the area is nearly as large as last season. Sweet potatoes will not make an average yield per acre; the area is as large as last season. The percentage of bloom and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 100, condition 25; pears, bloom 80, condition 50; plums, bloom 90, condition 20; cherries, bloom 40, condition 20; grapes, bloom 90, condition 70; strawberries, bloom 97, condition 85; raspberries, bloom and condition, 95; blackberries, bloom 107, condition 100; gooseberries, bloom 95; condition 100. The number of births of farm animals as com-

pared with last spring and condition as compared to an average are given by percentage, and are as follows: Pigs, number 97, condition 95; lambs and colts, number 105, condition 100; calves, number 82; condition 95.

**BOND**—The area of corn is some larger than last season; the stand is uneven owing to the cold, backward spring and the inferior quality of much of the seed planted; some of the first planting was above ground the 10th of May. The area of broom corn is as large as last season, and from present prospects there will not be much over three-fourths of an average yield per acre. The area of sorghum cane is nearly as large as in 1883, and from present prospects there will be about an average yield per acre. Winter wheat has largely been taken by cheat, and from the present outlook there will not be one-third of an average yield of wheat per acre. Oats are above an average in condition. Rye will make nearly an average yield per acre. The area of meadows is some larger than last season, and prospects are favorable for an average yield per acre of hay. The area of clover meadows and pastures is not as large as last season. Pastures look well. More Irish and sweet potatoes planted than last season; sweet potatoes look well, and the Irish potatoes promise over three-fourths of an average yield per acre. The percentage of bloom and condition of fruit as compared with June 1, 1883, is as follows: Apples, bloom 95; condition 71; pears, bloom 66, condition 60; plums, bloom 88, condition 60; cherries, bloom 74, condition 47; grapes, bloom 105, condition 107; strawberries, bloom 83, condition 77; raspberries, bloom 103, condition 103; blackberries, bloom 97, condition 99; gooseberries, bloom 98, condition 87; currants, bloom 102, condition 80. The percentage of number and condition of young stock as compared with June, 1883, and an average condition, is as follows. Pigs, number 74, condition 84; lambs, number 83; condition 97; colts, number 96, condition 99; calves, number 100, condition 96.

**BOONE**—Corn is nearly up to an average in condition and the area is about as large as last season. The severe frost on the 25th injured the early planted corn. The area of broom corn is one-fourth less than last season, and from present prospects there will not be much over three-fourths of an average yield per acre. Winter wheat is nearly up to an average in condition. Spring wheat and rye look well. Oats are above an average in condition. Meadows and pastures are above an average in condition, and the area is as large as last season. Irish potatoes are nearly to an average in condition, and the area is about the

same as in 1883. The percentage of bloom and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 104; condition 96; plums, bloom and condition, 100; cherries, bloom 110, condition, 99; grapes, bloom 92, condition 82; strawberries, 101, condition 90; raspberries, bloom 95, condition 92; blackberries and gooseberries, bloom 100, condition 90; currants, bloom 100, condition 87. The number of births of farm animals as compared with last spring, and condition as compared to an average, are given by percentage, and are as follows. Pigs, number 89, condition 84; lambs, number and condition, 100; colts, number 101; condition 99; calves, number 110, condition 95.

**BROWN**—Some corn was up May 6, but the major part of the area was planted from April 25 to May 5; the corn area is one-fourth less than last season, and from present prospects there will not be much over three-fourths of an average yield per acre. Broom corn is nearly up to an average in condition and the area is as large as last season. Sorghum cane has not made satisfactory growth and the condition does not give encouragement for much over three-fourths of an average yield per acre; the area is nearly as large as last season. There is an unusual amount of cheat in the wheat fields and the condition indicates about three-fourths of an average yield per acre. Oats are up to an average in condition. Rye will make nearly an average yield per acre. Meadows and pastures are up to an average in condition; the area of pastures is some larger than in 1883. Irish and sweet potatoes are about up to an average in condition; the area is as large as in 1883. The percentage of bloom and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom and condition 95; pears, bloom 100, condition 85; plums, bloom 100, condition 90; cherries, bloom 100, condition 70; grapes, bloom 60, condition 65; strawberries, bloom 100, condition 90; raspberries, bloom 100, condition 95; blackberries, gooseberries and currants, bloom and condition 100. The number of births of farm animals as compared with last spring, and the condition as compared to an average, are given by percentage and are as follows: Pigs, number 87, condition 80; lambs, number 83, condition 87; colts, number and condition 95; calves, number and condition 100.

**BUREAU**—Corn is nearly up to an average in condition and the area is nearly as large as last season; on low and bottom lands the corn was injured by the severe frost on the 28th of May; corn has generally made a very satisfactory growth. The area of sorghum cane is as large as last season, and from present prospects there will be an average yield per acre. There will not be much over three-fourths of an average yield per acre of winter wheat. Spring wheat looks well and the prospects are encouraging for an average yield per acre. Oats and rye are nearly up to an average in condition. Meadows and pastures are up to an average in condition and the area is as large as last season. Irish and sweet potatoes are nearly up to an average in condition; the area is as large as in 1883. The percentage of bloom and the condition of fruit as compared with June 1, 1883, is as follows: Apples, bloom 104, condition 82; cherries, bloom 92, condition 82; grapes, bloom 77, condition 66; strawberries, bloom 100, condition 75; raspberries, bloom 103, condition 95; blackberries, bloom 100, condition 92; gooseberries, bloom 95, condition

80; currants, bloom and condition 98. The number of births of farm animals as compared with last spring, and with an average as to condition, are given by percentage and are as follows: Pigs, number 85, condition 95; lambs, number 83, condition 87; colts, number and condition 95; calves, number and condition 100.

**CALHOUN**—Corn is growing slowly and the stand is poor, owing to the cold, wet spring; some corn was up May 15, but much of the corn had not been planted at that date; condition does not give encouragement for much over three-fourths of an average yield per acre; the area planted is about the same as in 1883. Nearly one-fourth of the seed corn was not good. The area of sorghum cane is as large as last season; from present prospects there will not be more than half an average yield per acre. About one-fourth of what was supposed to be wheat is heading out cheat, and there will not be much over three-fourths of an average yield per acre. Oats are nearly up to an average in condition. There will be but little over three-fourths of an average yield per acre of rye. The area of meadows and pastures is larger than last season; clover looks well; condition of meadows and pastures nearly up to an average. Irish potatoes are nearly up to an average in condition and the area is about as large as in 1883. Sweet potatoes are above the average in condition and the area is larger than last season. The percentage of bloom and condition of fruit, as compared with June 1, 1883, is as follows: Apples, bloom 105, condition 70; pears, bloom 70, condition 27; plums, bloom 100, condition 50; cherries, bloom 100, condition 67; grapes, bloom 75, condition 75; strawberries, bloom 100, condition 95; raspberries, bloom 100, condition 102; blackberries, bloom 93, condition 93; gooseberries, bloom and condition 100; currants, bloom 80, condition 50. The percentage of number of young stock, as compared with June, 1883, and an average condition, is as follows: Pigs, number 85, condition 83; lambs, number 100, condition 95; colts, number 92, condition 97; calves, number 102, condition 100.

**CARROLL**—The area of corn is as large as last season and the condition is nearly up to an average; the quality of seed corn is not as good as usual; some corn was up May 15; the corn on undrained land looks yellow and discouraging. The area of sorghum cane is as large as in 1883. Winter wheat will average about twelve inches in height and is in good condition. Spring wheat is nearly up to an average in condition. Oats look well. Rye will make something over three-fourths of an average yield per acre. Barley is up to an average in condition and the area is as large as in 1883. Meadows and pastures are above an average in condition and the area, excepting clover meadows, is some larger than last season. Sweet potatoes look well, and Irish potatoes are nearly up to an average in condition; area of Irish and sweet potatoes as large as in 1883. The percentage of bloom and condition of fruit, as compared with June 1, 1883, is as follows: Apples, bloom 97, condition 87; plums, bloom 100, condition 90; cherries, bloom 100, condition 93; grapes, bloom 105, condition 87; strawberries, raspberries and gooseberries, bloom and condition 100; blackberries, bloom 75, condition 100; currants, bloom 84, condition 81. The percentage of number of young stock, as compared with June, 1883, and an average in condition, is as follows: Pigs, number



80, condition 92; lambs, number and condition 87; colts, number 80, condition 100; calves, number 103, condition 100.

CASS—The quality of seed corn was not good and there has been an unusually large amount of replanting. The area of corn is nearly as large as last season and from present prospects there will not be much over three-fourths of an average yield per acre. Sorghum cane is up to an average in condition and the area is larger than last season. Winter wheat is nearly up to an average in condition. Oats are above an average in condition. Rye looks well. Meadows and pastures are above an average in condition and the area is about the same as last season. Irish potatoes promise well, and sweet potatoes are nearly up to an average in condition—the area of sweet potatoes is not as large as last season. The percentage of bloom and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 102, condition 100; pears, bloom and condition 75; plums, bloom 100, condition 77; cherries, bloom 97, condition 76; grapes, bloom 67, condition 65; strawberries, bloom 105, condition 103; raspberries, bloom 97, condition 93; blackberries, bloom 88, condition 97; gooseberries, bloom 83, condition 72; currants, bloom and condition 83. The number of births of farm animals as compared with last spring, and condition as compared with an average, are given by percentage, and are as follows: Pigs, number 88, condition 97; lambs, number 87, condition 100; colts, number 93, condition 100; calves, number and condition 100.

CHAMPAIGN—Corn is nearly up to an average in condition and the area is as large as last season. The stand, considering the unfavorable season, is above an average in condition. Broom corn looks well and the area is as large as last year. More sorghum cane was planted than in 1883, and the prospects are favorable for an average yield per acre. There will be but little over three-fourths of an average yield per acre of winter wheat. More cheat than usual in wheat fields. Oats are above an average in condition, and rye promises nearly an average yield per acre. Meadows and pastures are in excellent condition—the area of clover and pastures is some larger than in 1883. Irish and sweet potatoes are up to an average in condition—the area of Irish potatoes is some larger than in 1883. The percentage of bloom and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 158, condition 97; pears, bloom 120, condition 95; plums, bloom and condition 100; cherries, bloom and condition 93; grapes, bloom 87, condition 50; raspberries and blackberries, bloom and condition 100; gooseberries and currants, bloom 100, condition 95. The number of births of farm animals as compared with last spring, and condition as compared with an average, are given by percentage and are, as follows: Pigs, number 125, condition 100; lambs, number 80, condition 100; colts and calves, number and condition 100.

CHRISTIAN—The area of corn will be as large as last season. Some of the earliest planted was up May 10, but most of the first planting did not make a stand and the ground has been planted a second time. The prospects are not encouraging for much over three-fourths of an average yield per acre—over one-fourth of the seed corn was inferior in quality. There will

not be much over half an average yield per acre of broom corn—the area is as large as last season. There will be over three-fourths of an average yield per acre of sorghum cane—the area is not as large as last season. Much of what was supposed to be wheat proves to be cheat, and the prospect is not encouraging for much over half an average yield per acre. Oats look well. Rye is not quite up to an average in condition. The area of barley is less than last season and the crop is not quite up to an average in condition. Meadows and pastures are nearly up to an average in condition—the area of meadows is not quite as large as in 1883. The area of Irish potatoes is as large as in 1883—not as many sweet potatoes planted as last season. Irish potatoes are nearly up to an average in condition. Sweet potatoes will make something over three-fourths of an average yield per acre. The percentage of bloom and condition of fruit, as compared with June 1, 1883, is as follows: Apples, bloom 107, condition 77; pears, bloom 72, condition 48; plums, bloom 98, condition 88; cherries, bloom 88, condition 45; grapes, bloom 76, condition 67; strawberries, bloom 102, condition 96; raspberries, bloom 87, condition 83; blackberries, bloom 75, condition 62; gooseberries, bloom 102, condition 92; currants, bloom 99, condition 83. The percentage of number of spring stock as compared with June, 1883, and an average in condition, is as follows: Pigs, number 70, condition 82; lambs, number 91, condition 94; colts, number 93, condition 96; calves, number 97, condition 97.

CLARK—The area of corn is not quite as large as in 1883, and the condition does not give encouragement for much over three-fourths of an average yield per acre. The cold wet spring has been unfavorable for corn and the stand is not up to an average. The area of broom corn is not as large as last season and from present prospects there will not be quite an average yield per acre—the same may be said of sorghum cane. Wheat on timber land looks better than on the prairies—the condition does not give encouragement for half an average yield per acre. Oats are nearly up to an average in condition. Rye will not make two-thirds of an average yield per acre. The area of tobacco is but little over half as much as that of 1883—the condition indicates over three-fourths of an average yield per acre. Meadows and pastures are not up to an average in condition—the area of meadows is not quite as large as last season. The area of Irish potatoes is less than last season and from present prospects there will not be much over three-fourths of an average yield per acre. The area of sweet potatoes is some larger than last season—the condition is not quite up to an average. The percentage of bloom and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 106, condition 95; pears, bloom 76, condition 67; plums, bloom, 100, condition 83; cherries, bloom 80, condition 71; grapes, bloom 88, condition 100; strawberries, bloom 100, condition 87; raspberries, bloom 90, condition 94; blackberries, bloom 100, condition 97; gooseberries, bloom 107, condition 103; currants, bloom and condition 98. The number of births of farm animals as compared with last spring, and compared with an average as to condition, are given by percentage, and are as follows: Pigs, number 87, condition 96; lambs, number 87, condition 93; colts, number 90, condition 79; calves, number and condition 100.



**CLAY**—The area of corn is nearly as large as last season; the cold, dry weather in May was not favorable for the growth of corn, and the condition is much below an average for the season. The area of sorghum cane is some larger than last season; the condition is not quite up to an average. The drouth has been unfavorable for wheat, and the condition does not give encouragement for much over one-fourth of an average yield per acre. The limited area of spring wheat is above an average in condition. Oats are nearly up to an average in condition. Barley and flax look well; the area of flax is as large as last season. Meadows and pastures are not quite up to an average in condition; the area is some larger than last season. Irish and sweet potatoes are nearly up to an average in condition; the area is as large as in 1883. The percentage of bloom and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 103, condition 83; plums, bloom and condition, 100; cherries, bloom 87, condition 80; grapes, bloom and condition, 100; strawberries, bloom 100, condition 75; raspberries, bloom and condition, 75; blackberries, bloom 65, condition 80; gooseberries and currants, bloom and condition, 100. The number of births of farm animals as compared with last spring, and compared with an average as to condition, are given by percentage and are as follows: Pigs, number 100, condition 88; lambs, number 95, condition 100; colts, number 66, condition 97; calves, number and condition, 100.

**CLINTON**—The area of corn is some larger than last season; the weather has been too cold and wet for corn to make much growth, and from present prospects there will not be much over two-thirds of an average yield per acre; the quality of seed corn was not up to an average. The area of sorghum cane is as large as last season. Winter wheat gives encouragement for less than two-thirds of an average yield per acre; there is more chaff in wheat than usual. Oats and rye will make about three-fourths of an average yield per acre. The condition of meadows and pastures is up to an average, and the area is some larger than last season. The area of Irish potatoes is not as large as last season, and the condition indicates over three-fourths of an average yield per acre; sweet potatoes are nearly up to an average in condition, and the area is about as large as in 1883. The percentage of bloom and the condition of fruit, June 1, as compared with an average, is as follows: Apples, bloom 103, condition 83; plums, bloom and condition, 100; cherries, bloom 87, condition 80; grapes, bloom and condition, 100; strawberries, bloom 100, condition 75; raspberries, bloom and condition, 75; blackberries, bloom 65, condition 80; gooseberries and currants, bloom and condition, 100. The number of births of farm animals as compared with last spring, and compared with an average in condition, are given by percentage, and are as follows: Pigs, number 100, condition 88; lambs, number 95, condition 100; colts, number 66, condition 97; calves, number and condition, 100.

**COLES**—The area of corn is nearly as large as last season, and the condition is nearly up to an average; seed corn was much below the average in quality; corn planting has been delayed fully two weeks by the continued rains, except on tile drained land; there will be more replanting than usual; there will not be much over two-thirds of an average yield per acre of broom corn—the area of the growing crop

is nearly one-fourth less than last season. The area of sorghum is nearly as large as last season; condition gives encouragement for over three-fourths of an average yield per acre; considerable of what was supposed to be wheat has proved to be cheat. Wheat has made some improvement, and from present prospects will make over three-fourths of an average yield per acre. Oats and rye are nearly up to an average in condition. Meadows look well; area not quite as large as in 1883. Clover is not quite up to an average in condition, and the area is not as large as last season. Pastures are nearly up to an average in condition, and the area is the same as last season. The area of Irish and sweet potatoes is not as large as in 1883; Irish potatoes are not up to an average in condition. The percentage of bloom and condition of fruit, as compared with June 1, 1883, is as follows: Apples, bloom 101, condition 83; pears, bloom 96, condition 90; plums, bloom 100, condition 87; cherries, bloom 93, condition 64; grapes, bloom 99, condition 87; strawberries, bloom 100, condition 102; raspberries, bloom and condition, 85; blackberries, bloom and condition, 87; gooseberries, bloom 102, condition 109; currants, bloom 106, condition 96. The percentage of number of young stock this spring as compared with June, 1883, and an average in condition, is as follows: Pigs, number 85, condition 100; lambs, number 96, condition 100; colts, number and condition, 96; calves, number 94, condition 100.

**COOK**—Corn is not up to an average in condition, owing to the cold and dry weather; considerable frost on the nights of May 28, 29 and 30; cut worms have damaged the corn to a limited extent; the area of corn is nearly as large as in 1883. The area of sorghum cane is one-fourth larger than last season. Winter wheat is nearly up to an average in condition. Rye, oats and barley promise well; area of barley is as large as last season. Flax will make an average yield per acre, and the area is one-third larger than last season. Meadows and pastures are about up to an average in condition; area some larger than last season. Irish potatoes are up to an average in condition, and the area is nearly as large as last season. The percentage of bloom and condition of fruit, as compared with June 1, 1883, is as follows: Apples, bloom 104, condition 95; pears, bloom 110, condition 90; plums, bloom 105, condition 88; cherries, bloom 103, condition 98; grapes, bloom and condition, 103; strawberries, bloom 104, condition 97; raspberries, bloom and condition, 100; blackberries, bloom 80, condition 73; gooseberries, bloom 102, condition 100; currants, bloom 98, condition 96. The number of young stock this spring, as compared with June, 1883, and an average in condition, are given by percentage and are as follows: Pigs, number 77, condition 100; lambs and calves, number and condition, 100; colts, number 95, condition 100.

**CRAWFORD**—Some of the earliest planted corn was up May 5. Considerable corn was planted late in May. The cold, backward spring has been unfavorable for corn, which, from present prospects, will not make much over three-fourths of an average yield per acre. The corn area is some larger than last season. The quality of seed corn is much below the average. Sorghum cane is nearly up to an average in condition, and the area is as large as last season. There will not be half an average yield per acre of winter wheat. Many have plowed up their wheat and seeded the land

to other crops. Oats and rye are nearly up to an average in condition. There will be over three-fourths of an average yield per acre of tobacco; the area is not as large as last season. Meadows and pastures are not quite up to an average in condition; the area of pastures is some larger than last season. Clover did not come through the winter in as good condition as usual. Irish and sweet potatoes are not up to an average in condition. The area of Irish potatoes is nearly one-fourth less than last season. More sweet potatoes planted than in 1883. The percentage of bloom and condition of fruit, as compared with June, 1883, is as follows: Apples, bloom 112, condition 85; pears, bloom 80, condition 75; plums, bloom 102, condition 75; cherries, bloom 78, condition 61; grapes, bloom 102, condition 107; strawberries, bloom 90, condition 86; raspberries, bloom 101, condition 102; blackberries, bloom 92, condition 81; gooseberries, bloom 100, condition 101; currants, bloom 91, condition 88. The number of young stock this spring, as compared with June, 1883, and an average in condition, are given by percentage, and are as follows: Pigs, number 98, condition 87; lambs, number 92, condition 90; colts, number 80, condition 71; calves, number 94, condition 100.

**CUMBERLAND**—Corn was up in some fields May 10, but there was considerable corn planted after that date. The corn area is not quite as large as last season. The quality of seed corn was not quite up to an average. Broom corn is nearly up to an average in condition, and the area is as large as last season; same may be said of sorghum cane. The amount of cheat in wheat is much larger than supposed earlier in this season. There will not be over three-fourths of an average yield per acre of wheat. Rye is up to an average in condition, and oats will make nearly an average yield per acre. Meadows and pastures are up to an average in condition; the area of clover meadows and pastures is some larger than last season. Tobacco is up to an average in condition, and the area is as large as last season. Irish and sweet potatoes are not up to an average in condition; not as large area planted to sweet potatoes as in 1883. The percentage of bloom and condition of fruit, as compared with June, 1883, is as follows: Apples, bloom 120, condition 82; pears, bloom 90, condition 75; plums, bloom 75, condition 80; cherries, bloom 102, condition 94; grapes, bloom 92, condition 83; strawberries, bloom 93, condition 92; raspberries, bloom 105, condition 110; blackberries, bloom 182, condition 95; gooseberries, bloom 110, condition 102; currants, bloom 110, condition 107. The number of births of farm stock this spring, as compared with June, 1883, and an average as to condition, are given by percentage, and are as follows: Pigs, number 99, condition 95; lambs, number 94, condition 94; colts, number 94, condition 96; calves, number 101, condition 100.

**DEKALB**—Corn looks well; the area is not quite as large as last season. There is some complaint of poor seed corn. The corn would have made more satisfactory growth with more rain. Winter and spring wheat promise about an average yield per acre. Oats are above an average in condition, and the prospects are fair for nearly an average yield per acre of rye. Barley looks well, and the area is some larger than last season. Flax is up to an average in condition; the area is nearly one-fourth less than in 1883. The area of meadows and pastures is some larger than last season,

and the condition is above an average. Irish potatoes look well, and the area is as large as that of the previous crop. The percentage of bloom and condition of fruit, as compared with June, 1883, is as follows: Apples, bloom 102, condition 110; cherries, bloom 106, condition 111; grapes, bloom and condition 87; strawberries, bloom 97, condition 99; raspberries, bloom and condition, 102; blackberries, bloom and condition 92; gooseberries and currants, bloom and condition 100. The number of births of farm animals, as compared with last spring and compared with an average as to condition, is given by percentage, and are as follows: Pigs, number 86, condition 97; lambs, number 93, condition 100; colts, number, and condition 96; calves, number 103, condition 98.

**DEWITT**—Corn is above an average in condition, and the area is as large as last season. Some of the earliest planted corn on drained land was up May 10. Seed corn was not up to an average in quality. Broom corn looks well, and the area is as large as last season; the same may be said of sorghum cane. Winter wheat has not improved as predicted one month since, and there will not be quite an average yield per acre. Spring wheat is not quite up to an average in condition. Oats are above an average in condition. Rye promises over three-fourths of an average yield per acre. The area of meadows and pastures is as large as last season. Grass is above an average in condition. The area of Irish potatoes is not as large as last season; condition is above an average. Sweet potatoes look well, and the area is as large as last season. Considerable frost on the 29th and 30th of May. The percentage of bloom and condition of fruit, as compared with June, 1883, is as follows: Apples, bloom 120, condition 87; pears, bloom 110, condition 80; plums, bloom 110, condition 85; cherries, bloom 110, condition 95; grapes, bloom 80, condition 90; strawberries, bloom 114, condition 109; raspberries, bloom 97, condition 97; blackberries, bloom 109, condition 97; gooseberries, bloom 116, condition 101; currants, bloom 114, condition 99. The number of births of farm stock this spring, as compared with June, 1883, and an average as to condition, are given by percentage, and are as follows: Pigs, number 104, condition 95; lambs, number 95, condition 100; colts, number 107, condition 95; calves, number 102, condition 100.

**DOUGLAS**—The area of corn is as large as last season; the quality of seed corn was quite inferior, and the uneven stand does not give encouragement for over three-fourths of an average yield per acre. The area of broom corn is one-third less than last season, and from the present prospects there will not be over two-thirds of an average yield per acre. The area of sorghum cane is one-fourth less than last season; there will be about three-fourths of an average yield per acre. The stand of wheat is not good, and there will be only about three-fourths of an average yield per acre. Oats are up to an average in condition. Rye does not look as well as usual for June 1. The area of flax is one-third less than last season, and there will not be much over three-fourths of an average yield per acre. The area of meadows and pastures is not as large as last season. Grass is not up to an average in condition. Irish potatoes look well, and the area is as large as in 1883. Sweet potatoes are nearly up to an average in condition, and the area



is not as large as last season. The percentage of bloom and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 95, condition 82; pears, bloom 67, condition 40; plums, bloom 60, condition 50; cherries, bloom 95, condition 90; grapes, bloom 75, condition 70; strawberries, bloom 80, condition 50; raspberries, bloom and condition 100; blackberries, bloom 100, condition 90; gooseberries, bloom and condition 82; currants, bloom 95, condition 95. The number of births of farm animals, as compared with last spring, and compared with an average as to condition, are given by percentage and are as follows: pigs, number 82, condition 100; colts number 85, condition 100; calves, number and condition 95.

**DU PAGE**—The area of corn is not quite as large as last season; the cold, dry weather has been unfavorable for corn and the condition is much below an average. Sorghum cane is not up to an average in condition; the area is larger than last season. Oats and rye are nearly up to an average in condition. The area of flax is one-fourth less than last season; condition nearly up to an average. Meadows and pastures show the effect of the dry weather and are not up to an average in condition; the area of meadows is not as large as in 1883. Irish potatoes have not made usual growth up to June 1; the area is as large as in 1883. The percentage of bloom and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 100, condition 80; cherries, bloom 102, condition 85; grapes, bloom and condition 80; strawberries and raspberries, bloom 100, condition 60; currants, bloom 100, condition 80. The number of births of farm animals as compared with last spring, and compared with an average as to condition are given by percentage, and are as follows: Pigs, number 82; condition 95; lambs number 90, condition 100; colts, number 90, condition 92; calves, number 110, condition 100.

**EDGAR**—The area of corn is some larger than last season; the season has been cold and unfavorable for the growth of corn, which is much below an average in condition; the quality of seed corn was much below the average. The area of broom corn is not as large as last season. The area of sorghum cane is as large as in 1883. There will not be quite three-fourths of an average yield per acre of winter wheat. Oats look well. Meadows and pastures are above an average in condition; the area is not quite as large as last season. Irish potatoes are not quite up to an average in condition, and the area is not as large as last season. Sweet potatoes look well and the area is as large as in 1883. The percentage of bloom and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 104, condition 94; pears, bloom 83, condition 78; plums, bloom 83, condition 78; cherries, bloom 91, condition 84; grapes, bloom 92, condition 87; strawberries, bloom 89, condition 98; raspberries, bloom 81, condition 91; blackberries, bloom 77, condition 86; gooseberries, bloom and condition 99; currants, bloom 95, condition 92. The number of births of farm animals, as compared with last spring and compared with an average as to condition, are given by percentage and are as follows: Pigs, number and condition 92; lambs, number 88, condition 97; colts, number 103, condition 100; calves, number 96, condition 99.

**EDWARDS**—The area of corn is as large as last season; the stand or condition is not up to an average; there is more complaint than usual of poor seed corn. Sorghum cane is up to an average in condition and the area is some larger than last season. Winter wheat in some localities looks well, but will make only about three-fourths of an average yield per acre for the county. Oats are nearly up to an average in condition. Rye will make over three-fourths of an average yield per acre. Tobacco looks well and the area is as large as last season. Meadows and pastures are nearly up to an average in condition; the area of grass lands is nearly as large as in 1883. Irish and sweet potatoes look well, and the area is as large as last season. The percentage of bloom and the condition of fruit June 1, as compared with an average is as follows: Apples, bloom 92, condition 66; pears, bloom 100, condition 93; plums, bloom 100, condition 95; cherries, bloom 92, condition 65; grapes, bloom and condition 100; strawberries, bloom 103, condition 95; raspberries, bloom and condition 100; blackberries, bloom 62, condition 75; gooseberries, bloom 105, condition 100; currants, bloom and condition 100. The number of births of farm animals as compared with last spring, and condition compared with an average, are given by percentage and are as follows: Pigs, number 100, condition 95; lambs, number 87, condition 100; colts, number 50, condition 85; calves, number and condition 100.

**EFFINGHAM**—The area of corn is some larger than last season; the quality of seed is not as good as usual and the prospects are not encouraging for an average yield per acre; the same may be said of sorghum cane. Wheat is very uneven and badly mixed with cheat, and shows the need of rain; the prospects are not encouraging for half an average yield per acre. Oats are nearly up to an average in condition. Rye will not make two-thirds of an average yield per acre. The area of tobacco is nearly as large as last season; the condition promises nearly an average yield per acre. The area of meadows and pastures is some larger than last season; meadows are in good condition; pastures have not made usual growth for season. Irish and sweet potatoes look well; the area is not as large as last season. The percentage of bloom and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 100, condition 95; pears, bloom and condition 95; plums, bloom 92, condition 95; cherries, bloom 70, condition 55; grapes, bloom and condition 100; strawberries, bloom 93, condition 92; raspberries, bloom 93, condition 97; blackberries, bloom 93, condition 100; gooseberries, bloom 88, condition 80; currants, bloom and condition 93. The number of births of farm animals, as compared with last spring, and the condition compared to an average, are given by percentage and are as follows: Pigs, number 87, condition 92; lambs, number 83, condition 97; colts, number 35, condition 83; calves, number 103, condition 100.

**FAYETTE**—The area of corn is some larger than last season, and the condition is nearly up to an average; there is some complaint of the inferior quality of seed corn. Broom corn is nearly up to an average in condition and the area is as large as last season. Sorghum cane will make nearly an average yield per acre, and the area is some larger than in 1883. There is an unusual amount of cheat in wheat fields and from present prospects there will not



be half an average yield per acre. Oats are nearly up to an average in condition. There will be over half an average yield per acre of rye. Tobacco looks well and the area is as large as in 1883. Meadows and pastures are up to an average in condition; the area is some larger than last season. Irish and sweet potatoes are nearly up to an average in condition; the area is not quite as large as last season. The percentage of bloom and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 100, condition 91; pears, bloom 91, condition 66; plums, bloom 85, condition 72; cherries, bloom 97, condition 60; grapes, bloom 83, condition 88; strawberries, bloom 90, condition 85; raspberries, bloom and condition 91; blackberries, bloom and condition 95; gooseberries, bloom 97, condition 92; currants, bloom and condition 95. The number of births of farm animals as compared with last spring, and condition as compared to an average, are given by percentage and are as follows: Pigs, number 88, condition 96; lambs, number 86, condition 98; colts, number 97, condition 95; calves, number 102, condition 100.

FORD—Corn is looking well; home grown seed was quite generally used; the area of corn is nearly as large as last season, and the same may be said of sorghum cane. Oats are above an average in condition. Flax is looking well and the area is some larger than last season. The area of meadows and pastures is some larger than last season, and both are above an average in condition. Irish potatoes are above an average in condition and the area is some larger than last season. The percentage of bloom and condition of fruit, as compared with June, 1883, is as follows: Apples, bloom 115, condition 105; plums, bloom 100, condition 50; cherries, bloom 114, condition 96; grapes, bloom 62, condition 75; strawberries, bloom 112, condition 116; raspberries and blackberries, bloom and condition 100; gooseberries, bloom and condition 112; currants, bloom 116, condition 112. The number of births of farm stock this spring, as compared with June, 1883, and with an average as to condition, are given by percentage and are as follows: Pigs, number 113, condition 100; lambs, number 75, condition 100; colts, number 97, condition 100; calves, number 112, condition 100.

FRANKLIN—The area of corn is some larger than last season; the season has not been favorable for the rapid growth of corn; the indications are encouraging for about three-fourths of an average yield per acre. Sorghum cane will make three-fourths of an average yield per acre; the area is some larger than last season. Wheat harvest will be late, and, from present prospects, there will be about three-fourths of an average yield per acre. Oats are above an average in condition. Rye is not up to an average in condition. Tobacco looks well and the area is as large as last season. Meadows and pastures are not up to an average in condition owing to the dry weather; the area of grass lands is as large as last season. Sweet potatoes look well and the Irish potatoes are up to an average in condition; area of Irish and sweet potatoes is as large as last season. The percentage of bloom and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 73, condition 57; pears, bloom 120; plums, bloom 70, condition 10; cherries, bloom 35, condition 65; grapes, bloom 50, condition 30; strawberries, bloom and condition 100; raspberries,

bloom 30, condition 50; blackberries, bloom 66, condition 77; gooseberries, bloom and condition 75. The number of births of farm animals, as compared with last spring, and condition, as compared to an average, are given by percentage, and are as follows: Pigs, number 103, condition 100; lambs, number and condition 100; colts and calves, number 103, condition 100.

FULTON—The frost on May 30 injured the early corn, some of which was up May 10; the area of corn is nearly as large as last season, and with favorable season there will be nearly an average yield per acre. Sorghum cane looks well, and the area is as large as last season. Winter wheat is making good growth, and the condition gives encouragement for nearly an average yield per acre. Spring wheat and oats are up to an average in condition. Meadows and pastures are above an average in condition; the area of meadows is not as large as last season, and there has been an increase over that of 1883 in the area of pastures. Irish and sweet potatoes are up to an average in condition; the area of Irish potatoes is not as large as last season. The percentage of bloom and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 122, condition 108; pears, bloom 100, condition 80; plums, bloom 110, condition 100; cherries, bloom 100, condition 99; grapes, bloom 55, condition 50; strawberries, bloom 99, condition 100; raspberries, bloom 92, condition 86; blackberries, bloom 102, condition 90; gooseberries, bloom and condition 100; currants, bloom and condition 102. The number of births of farm animals as compared with last spring, and condition as compared to an average, are given by percentage, and are as follows: Pigs, number 93, condition 105; lambs, number 99, condition 100; colts, number 102, condition 100; calves, number and condition 98.

GALLATIN—The area of corn is nearly as large as last season; nearly one-third of the corn fields have been replanted, owing to poor seed corn; the prospects are not encouraging for more than three-fourths of an average yield per acre. The area of sorghum cane is not as large as last season, and the condition indicates only about three-fourths of an average yield per acre. Winter wheat harvest will commence about the middle of June, and the crop bids fair to make over three-fourths of an average yield per acre. Oats are not up to an average in condition. Tobacco looks well, and the area is as large as in 1883. Meadows look well, and the area is some larger than in 1883. Pastures are not quite up to an average in condition, and the area is some less than last season. Irish and sweet potatoes are nearly up to an average in condition; the area is not as large as in 1883. The percentage of bloom and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 92, condition 83; pears, bloom 52, condition 39; plums, bloom 88, condition 75; cherries, bloom 85, condition 70; grapes, bloom 77, condition 80; strawberries, bloom 81, condition 86; blackberries, bloom 38, condition 29; gooseberries, bloom 79, condition 76; currants, bloom 60, condition 50. The number of births of farm animals this spring as compared with that of 1883, and condition as compared to an average, are given by percentage, and are as follows: Pigs, number 101, condition 93; lambs, number 74, condition 90; colts, number 96, condition 97; calves, number 92, condition 95.

**GREENE**—The area of corn is some larger than last season; the stand of corn is not up to an average, owing to the inferior quality of seed corn. Sorghum cane is nearly up to an average in condition, and the area is some larger than last season. An unusual amount of chess is seen in wheat fields since the grain has headed out; the present prospects are not favorable for much over three-fourths of an average yield per acre. Oats are above an average in condition. Rye looks well. Meadows and pastures are about up to an average in condition; the area is about the same as in 1883. More clover was sown this spring than usual. Irish and sweet potatoes are about up to an average in condition; the area of Irish potatoes is some larger than last season. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average at same date in previous years, is as follows: Apples, bloom 108, condition 95; pears, bloom 88, condition 82; plums, bloom 93, condition 88; cherries, bloom 98, condition 83; grapes, bloom 98, condition 88; strawberries, bloom and condition 103; raspberries, bloom 97, condition 95; blackberries and gooseberries, bloom and condition 100; currants, bloom 100, condition 97. The number of births of farm animals this spring as compared with that of 1883, and condition as compared to an average, are given by percentage, and are as follows: Pigs, number 87, condition 92; lambs, number 82, condition 100; colts, number and condition 100; calves, number 105, condition 103.

**GRUNDY**—Corn is in good condition, and the area is nearly as large as last season. Sorghum cane is up to an average in condition, and the area is as large as last season. Winter wheat is above an average in condition. Oats and rye promise more than an average yield per acre. Flax is in good condition, and the area is as large as in 1883. Meadows and pastures are above an average in condition, and the area is larger than last season. Irish potatoes promise more than an average yield per acre, and the area is some larger than last season. The percentage of bloom and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 121, condition 112; plums, bloom 95, condition 80; cherries, bloom 129, condition 104; grapes, bloom 93, condition 110; strawberries, bloom 100, condition 105; raspberries, bloom 106, condition 117; blackberries, bloom and condition 80; gooseberries, bloom 102, condition 99; currants, bloom 100, condition 94. The number of births of farm animals this spring as compared with that of 1883, and condition as compared to an average, are given by percentage, and are as follows: Pigs, number 82, condition 90; lambs, number 97, condition 100; colts, number 97, condition 92; calves, number 105, condition 103.

**HAMILTON**—The area of corn is nearly as large as last season—the dry weather in May was unfavorable for the growth of corn, and from present prospects there will not be much over three-fourths of an average yield per acre. The area of sorghum cane is some larger than last season and the condition indicates more than three-fourths of an average yield per acre. The large amount of chess in wheat fields, and injury resulting from the dry weather in May, has reduced the prospects for wheat and hardly half an average yield per acre is expected. Oats are nearly up to an average in condition. Rye promises about

three-fourths of an average yield per acre. Meadows and pastures have been needing rain and are not up to an average in condition. The area of clover is larger than last season—the same may be said of meadows and pastures. Irish and sweet potatoes are nearly up to an average in condition—the area of Irish potatoes is not as large as last season. The percentage of bloom and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 87, condition 41; pears, bloom 70, condition 42; plums, bloom 90, condition 37; cherries, bloom 82, condition 39; grapes, bloom 91, condition 81; strawberries, bloom 95, condition 83; raspberries, bloom 75, condition 62; blackberries, bloom and condition 40; gooseberries, bloom 100, condition 76; currants, bloom 83, condition 53. The number of births of farm animals this spring as compared with that of 1883, and condition as compared to an average are given by percentage, and are as follows: Pigs, number 110, condition 77; lambs, number 87, condition 100; colts, number 103, condition 95; calves, number 110, condition 103.

**HANCOCK**—Corn is in good condition and the area is some larger than last season. Not as large area planted to sorghum cane as last season—the condition is up to an average. Winter wheat is heading out nicely and with continued favorable conditions until harvest will make an average yield per acre. Oats and rye are up to an average in condition. The area of meadows is not as large as last year and the condition is not quite up to an average. Irish potatoes look well, and the area is not as large as last season. The percentage of bloom and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 110, condition 90; pears, bloom and condition 90; plums, bloom and condition 100; cherries, bloom and condition 90; grapes, bloom and condition 80; strawberries, bloom and condition 100; raspberries, bloom and condition 80; blackberries, bloom 85, condition 90; gooseberries, bloom and condition 100; currants, bloom 110, condition 100. The number of births of farm animals this spring as compared with that of 1883, and condition as compared to an average are given by percentage, and are as follows: Pigs, number and condition 110; colts, number 90, condition 100; calves, number and condition 100.

**HARDIN**—The weather early in the spring was too wet for plowing and planting corn, and during May there was not sufficient rain—the area of corn is some larger than last season—the seed corn used this season was not as good as usual. Sorghum cane is up to an average in condition—the area is not as large as last season. Winter wheat is heading out well—with favorable conditions until harvest there will be more than an average yield per acre. Oats and rye are up to an average in condition. Meadows and pastures are in excellent condition—the area of meadows is some larger than last season. The area of Irish potatoes is some larger than last season, and the condition is above the average. There will be an average yield per acre of sweet potatoes and the area is as large as last season. The percentage of bloom this spring, and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 103, condition 95; pears, bloom 105, condition 100; plums, bloom 100, condition 90; cherries, bloom and condition 110; grapes,



bloom 100; condition 85; strawberries, bloom and condition 100; blackberries, bloom and condition 105; gooseberries, bloom 120; condition 110. The number of births of farm animals this spring compared with that of 1883, and condition as compared to an average are given by percentage, and are as follows: Pigs, number 87; condition 93; lambs, number and condition 105; colts, number and condition 100; calves, number 90; condition 117.

**HENDERSON**—The stand of corn is good, and the prospects are encouraging for an average yield per acre; the area of corn is nearly as large as in 1883. Winter wheat is nearly up to an average in condition; spring wheat looks well. Oats and rye are above an average in condition. Meadows and pastures are in good condition, and the area is larger than last season. Irish potatoes look well, and sweet potatoes are nearly up to an average in condition; the area of potatoes is not quite as last season. The percentage of bloom and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 100, condition 96; plums, bloom 105, condition 95; cherries, bloom 101, condition 84; grapes, bloom and condition, 80; strawberries, bloom 102, condition 100; raspberries, bloom and condition, 100; blackberries, bloom 102; condition 103; gooseberries, bloom 81, condition 82; currants, bloom 94, condition 80. The number of births of farm animals this spring, compared with that of 1883, and condition as compared to an average, are given by percentage and are as follows: Pigs, number 79, condition 100; lambs and colts, number 60, condition 100; calves, number 96, condition 100.

**HENRY**—The early planted corn was up May 6; corn was generally planted earlier than usual, and the stand gives encouragement for nearly an average yield per acre; the area is not quite as large as last season. Broom corn looks well; the area is not as large as in 1883. Sorghum cane is up to an average in condition, and the area is some larger than last season. Spring wheat is up to an average in condition, and the prospects are encouraging for nearly an average yield per acre of winter wheat. There will be over three-fourths of an average yield per acre of rye. Meadows and pastures are not up to an average in condition, owing to the cold, dry spring; the area of grass lands is about the same as in 1883. Irish potatoes look well, and sweet potatoes are nearly up to an average in condition; the area of Irish potatoes is not quite as large as in 1883. The frosts on the nights of May 28 and 29 affected some tender varieties of fruit and vegetables. The percentage of bloom and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 100, condition 96; plums 105, condition 95; cherries, bloom 101, condition 84; grapes, bloom and condition, 80; strawberries, bloom 102, condition 100; raspberries, bloom and condition, 100; blackberries, bloom and condition, 102; gooseberries, bloom 81, condition 82; currants, bloom 94, condition 80. The number of births of farm animals this spring compared with that of 1883, and condition as compared to an average, are given by percentage and are as follows: Pigs, number 79, condition 100; lambs, number 60, condition 100; colts, number 90, condition 100; calves, number 96; condition, 100.

**IROQUOIS**—The area of corn is some larger than last season, and the prospects

are encouraging for more than an average yield per acre; the stand of corn is much better than usual, largely owing to the superior quality of seed corn. The area of sorghum cane is as large as in 1883. Winter wheat will make more than three-fourths of an average yield per acre; the same may be said of rye. Spring wheat is up to an average in condition. The area of flax is much larger than last season, and the condition is nearly up to an average. Meadows and pastures have not made usual growth, owing to lack of rain; the area of meadows is not quite as large as in 1883. Irish and sweet potatoes are up to an average in condition; the area of Irish potatoes is larger than last season. The percentage of bloom this spring, and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 127, condition 99; pears, bloom 112, condition 80; plums, bloom 100, condition 75; cherries, bloom 106, condition 116; grapes, bloom 77, condition 52; strawberries, bloom 112, condition 110; raspberries, bloom 100, condition 87; blackberries, bloom 142, condition 103; gooseberries, bloom and condition, 102; currants, bloom and condition, 105. The number of births of farm animals this spring compared with that of 1883, and the condition as compared to an average, are given by percentage and are as follows: Pigs, number 75, condition 100; lambs, number 87, condition 100; colts, number 90, condition 100; calves, number 102, condition 100.

**JACKSON**—The area of corn is one fourth less than last season, and from present prospects there will not be much over three-fourths of an average yield per acre; seed corn was much below the average in quality. The area of sorghum cane is not as large as last year, and there will not be over three-fourths of an average yield per acre. Oats and rye are nearly up to an average in condition. Meadows and pastures are up to an average in condition, and the area is as large as last season. The area of Irish potatoes is one-fourth less than last season; potatoes are not up to an average in condition. The percentage of bloom this spring, and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 100, condition 40; pears, bloom 100, condition 75; plums, bloom 100; cherries, bloom 100, condition 75; grapes, bloom and condition, 100; strawberries, bloom 100, condition 50; raspberries, bloom 100, condition 85; blackberries, gooseberries and cherries, bloom and condition, 100. The number of births of farm animals this spring compared with that of 1883, and condition as compared to an average, are as follows: Pigs, number 87, condition 100; lambs, number and condition, 100; colts, number 100, condition 95; calves, number and condition, 100.

**JASPER**—The area of corn is less than last year; the stand is uneven, and from present prospects there will not be over three-fourths of an average yield per acre. Sorghum cane promises over three-fourths of an average yield per acre; the area is less than last season. Oats are nearly up to an average in condition. Rye will make three-fourths of an average yield per acre. The area of flax is some larger than in 1883; the condition gives encouragement for three-fourths of an average yield per acre. The area of tobacco is one-third less than last season, and from present prospects there will not be much over half an average yield per acre. Meadows and pastures are not quite up to an average in condition; the



area of meadows is some larger than in 1883. Area of Irish potatoes not as large as in 1883, and the condition indicates one-fourth less than an average yield per acre. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 110, condition 85; pears, bloom and condition, 100; plums, bloom and condition, 75; cherries, bloom 60, condition 50; grapes, bloom 75; condition 87; strawberries, bloom 100; condition 95; raspberries, bloom 85, condition 80; blackberries, bloom 70, condition 65; gooseberries, bloom 110, condition 105; currants, bloom and condition, 100. The number of births of farm animals this spring compared with that of 1883, and condition as compared to an average are given by percentage, and are as follows: Pigs, number 70, condition 100; lambs, number 90; condition 100; colts, number and condition, 75; calves, number 82, condition 100.

JEFFERSON—The area of corn is some larger than last season. The season has been cold and backward and the condition does not give encouragement for more than three-fourths of an average yield per acre. Corn was planted later than usual, and the growth has been slow. Sorghum cane is nearly up to average in condition, and the area is as large as last season. There has been no improvement in the condition of wheat during the past month; the appearance of so much chaff in wheat has reduced the prospects, and not over one-third of an average yield will be realized. Oats are above an average in condition. Rye will make three-fourths of an average yield per acre. The area of tobacco is as large as in 1883, and the prospects are favorable for three-fourths of an average yield per acre. The area of meadows and pastures is some larger than last season, and the condition is nearly up to an average. The area of Irish potatoes is not quite as large as last season, and the condition is not up to an average. Sweet potatoes will make more than an average yield per acre, and the area is some larger than last season. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, is as follows: Apples and plums, bloom and condition, 83; pears, bloom 93, condition 100; cherries, bloom 66, condition 27; grapes, bloom and condition, 100; strawberries, bloom 87, condition 83; raspberries, bloom 80, condition 93; blackberries, bloom 48, condition 73; gooseberries, bloom and condition, 75; currants, bloom and condition, 77. The number of births of farm animals this spring as compared with that of 1883, and the condition, as compared to an average, are given by percentage, and are as follows: Pigs, number 97, condition 75; lambs, number and condition, 100; colts, number 108, condition, 97; calves, number 97, condition 100.

JERSEY—Corn planting has been delayed by the cold, wet spring, and some farmers are not through planting; the area will not be as large as last season. From present prospects there will not be much over two-thirds of an average yield per acre. Broom corn will not make an average yield per acre; the area is one-fourth less than last season. The area of sorghum cane is some larger than last season, and the condition is nearly up to an average. The condition of winter wheat gives encouragement for nearly three-fourths of an average yield per acre; on old wheat land the chaff is quite thick in the wheat fields. Oats are nearly up to an average in condition. Rye will not make quite an average yield per

acre. Barley looks well, and the area is as large as last season. Meadows and pastures are above an average in condition; the area of pastures is larger than in 1883. Irish potatoes are nearly up to an average in condition; the area is not quite as large as last season. Sweet potatoes are above an average in condition, and the area is one-fourth larger than last season. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average is as follows: Apples, bloom 133, condition 150; pears, bloom 105, condition 95; plums, bloom 108, condition 105; cherries, bloom 133, condition 117; grapes, bloom 103; condition 87; strawberries, bloom, 100, condition 70; raspberries, bloom and condition, 100; blackberries, bloom 100, condition 87; gooseberries, bloom and condition, 103; currants, bloom and condition, 116. The number of births of farm animals this spring as compared with that of 1883, and the condition as compared to an average, are given by percentage and are as follows: Pigs, number 57, condition 125; lambs, number 100, condition 150; colts, number and condition, 100; calves, number 98, condition 120.

JoDAVIESS—Corn is nearly up to an average in condition and the area is about as large as in 1883; the cold, wet weather has not been favorable for the growth of corn and on undrained lands the corn has a sickly yellow color. Sorghum cane looks well; the area is as large as in 1883. Winter and spring wheat are nearly up to an average in condition. Oats are above an average in condition. Rye is making satisfactory growth. Barley is up to an average in condition and the area is as large as last season. Tobacco is nearly up to an average in condition, and the area is almost as large as in 1883. Meadows and pastures are above an average in condition, and the area is some larger than that of the previous year. Irish potatoes will make about an average yield per acre; the area is some less than last season. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 97, condition 91; pears, bloom 75, condition 62; plums, bloom 92, condition 64; cherries, bloom 104, condition 110; grapes, bloom 100, condition 87; strawberries, bloom 105, condition 81; raspberries, bloom 110, condition 106; blackberries, bloom 93, condition 83; gooseberries, bloom and condition 102; currants, bloom 106, condition 96; strawberries, potatoes and tender vegetables on low ground were damaged by the heavy frosts on the nights of May 28 and 29. The number of births of farm animals this spring, as compared with that of 1883, and the present condition, as compared to an average, are given by percentage, and are as follows: Pigs, number 94, condition 87; lambs, number and condition 100; colts, number 100, condition 98; calves, number and condition 99.

JOHNSON—The area of corn is not as large as last season: the cold, wet spring has not been favorable for the growth of corn; the stand is uneven, and from present prospects there will not be much over three-fourths of an average yield per acre. The area planted to sorghum cane is not as large as in 1883 and the condition is not up to an average. Wheat fields are badly infested with cheat: there will not be over two-thirds of an average yield per acre. Oats are nearly up to an average in condition, and rye will make over three-fourths of an average yield per acre. Tobacco is up to an average in condition and the area

is as large as last season. The season has not been favorable for the usual growth of grass, and meadows and pastures are not up to an average in condition; the area of grass lands is not as large as last season. Irish and sweet potatoes are nearly up to an average in condition, and the area is nearly as large as last season. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 91, condition 68; pears, bloom 66, condition 57; plums, bloom 83, condition 50; cherries, bloom 72, condition 61; grapes, bloom and condition 91; strawberries, bloom 87, condition 55; raspberries, bloom 96, condition 93; blackberries, bloom 83, condition 82; gooseberries, bloom 92, condition 87; currants, bloom and condition 100. The number of births of farm animals this spring, as compared with that of 1883, and the present condition, as compared to an average, are given by percentage, and are as follows: Pigs, number 97, condition 92; lambs, number and condition 85; colts, number 107, condition 104; calves, number 95, condition 98.

KANE—The stand of corn is good and the newly planted area is as large as in 1883. Winter and spring wheat are up to an average in condition; the prospects are encouraging for more than an average yield per acre. Oats are above an average in condition. Rye will make nearly an average yield per acre. Barley looks well; the area is not as large as in 1883. Meadows and pastures are in good condition; there is a slight increase in the area of pastures and a slight decrease in the area of meadows and clover, as compared with last year. Irish potatoes are about up to an average in condition; the area is not quite as large as last season. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom and condition 106; plums, bloom 100, condition 110; cherries, bloom 113, condition 112; grapes, bloom 87, condition 90; strawberries, bloom 104, condition 100; raspberries, bloom and condition 100; blackberries, bloom 102, condition 97; gooseberries, bloom and condition 100; currants, bloom and condition 115. The number of births of farm animals this spring, as compared with that of 1883, and the present condition of young stock, as compared to an average, are given by percentage, and are as follows: Pigs, number 91, condition 98; lambs, number 85, condition 99; colts, number 96, condition 101; calves, number 100, condition 101.

KANKAKEE—Corn looks well and the condition gives encouragement for an average yield per acre; the area is as large as last season. Broom corn looks well; area about the same as in 1883. Sorghum cane is nearly up to an average in condition; the area is not quite as large as in 1883. The condition of winter wheat is favorable for something over three-fourths of an average yield per acre; same may be said of rye. Oats are above an average in condition. Flax looks well and the area is nearly as large as last season. Pastures are in fine condition and meadows are nearly up to an average in condition; the area of pastures is some larger than last season; the area of clover and timothy meadows is not as large as in 1883. Irish and sweet potatoes are up to an average in condition; the area of Irish potatoes is not as large as last season. The percentage of bloom this spring and the condition of fruit June 1, as

compared with an average at corresponding dates, is as follows: Apples, bloom 113, condition 104; pears, bloom and condition 100; cherries, bloom 113, condition 109; grapes, bloom 83, condition 97; strawberries, bloom 103, condition 97; raspberries, bloom 104, condition 100; blackberries, bloom and condition 102; gooseberries, bloom and condition 105; currants, bloom 106, condition 104. The number of births of farm animals this spring, as compared with that of 1883, and the present condition of young stock, as compared to an average, are given by percentage, and are as follows: Pigs, number 98, condition 100; lambs, number 108, condition 100; colts, number 99, condition 98; calves, number 104, condition 100.

KENDALL—The stand of corn is good, and the prospects are encouraging for about an average yield per acre; the corn area is nearly as large as last season. Sorghum cane is up to an average in condition; the area is about the same as in 1883. Spring wheat and rye look well, and winter wheat is nearly up to an average in condition. Oats are above an average in condition. Meadows and pastures are not quite up to an average in condition; there has not been sufficient rain of late for rapid growth of grass; the area of meadows and pastures are as large as last season. Irish potatoes are not quite up to an average in condition, and the area is not as large as in 1883. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average at corresponding dates, is as follows: Apples, bloom 125, condition 155; pears, bloom and condition 90; plums, bloom 93, condition 90; cherries, bloom 100, condition 92; grapes, bloom 72, condition 67; strawberries, bloom 105, condition 97; raspberries, bloom 103, condition 97; blackberries, bloom 85, condition 90; gooseberries, bloom and condition 96; currants, bloom 101, condition 97. The number of births of farm animals this spring as compared with that of 1883, and the present condition of young stock as compared to an average, are given by percentage, and are as follows: Pigs, number 89, condition 97; lambs, number 85, condition 100; colts and calves, number and condition 100.

KNOX—Corn was injured somewhat on low and undrained ground by the frost on the 29th of May; the seed planted was good, and the stand of corn is up to an average; the area of corn is some larger than last season, and with favorable season there will be more than an average yield of corn per acre. Sorghum cane looks well, and the area is larger than last season. Winter wheat looks well. Oats and rye are above an average in condition. Meadows and pastures are nearly up to an average in condition; the area is not as large as last season. Irish and sweet potatoes are up to an average in condition; the area of Irish potatoes is not as large as last season. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average at corresponding dates, is as follows: Apples, bloom 104, condition 82; peaches, bloom 70, condition 75; plums, bloom and condition 100; cherries, bloom 106, condition 88; grapes, bloom 70, condition 66; strawberries, bloom 103, condition 104; raspberries, bloom 94, condition 96; blackberries, bloom 105, condition 104; gooseberries, bloom 97, condition 99; currants, bloom 98, condition 100. The number of births of farm animals this spring as compared with that of 1883, and the present condition of young stock as compared to



an average, are given by percentage, and are as follows: Pigs, number 101, condition 95; lambs, number 92, condition 100; colts, number 100, condition 97; calves, number 102, condition 100.

LAKE—The frosts on the 22d and 29th of May injured the early planted corn; the area is nearly as large as last season, and the prospects are encouraging for nearly an average yield per acre of corn. Broom corn looks well, and the area is nearly as large as in 1883; same may be said of sorghum cane. Wheat, oats and rye are nearly up to an average in condition. The area of barley is some larger than last season, and the condition is nearly up to an average. The area of flax is one-fourth less than last season; condition nearly up to an average. The area of meadows and pastures is some larger than last season. Grass is nearly up to an average in condition, but needing rain. The area of Irish potatoes is not quite as large as last season, and the condition is not quite up to an average. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average at corresponding dates in previous years, is as follows: Apples, bloom 109, condition 104; pears, bloom and condition 100; cherries, bloom 104, condition 95; grapes, bloom 75, condition 79; strawberries, bloom 100, condition 90; raspberries, bloom 95, condition 89; blackberries, bloom and condition 100; gooseberries, bloom 92, condition 85; currants, bloom 102, condition 88. The number of births of farm animals this spring as compared with that of 1883, and the present condition of young stock as compared to an average, are given by percentage, and are as follows: Pigs, number 79, condition 94; lambs, number 91, condition 98; colts, number 101, condition 100; calves, number 106, condition 100.

LaSALLE—Corn had made very satisfactory growth until the severe frost on May 29, which reduced the prospects for an average yield per acre; the area of corn is about as large as last season. Sorghum cane is nearly up to an average in condition, and the area is some larger than last season. There is considerable chess in wheat fields, and there will not be quite an average yield per acre of spring or winter wheat. Rye is nearly up to an average in condition. Oats promise more than an average yield per acre. Meadows and pastures look well; the area of meadows is not quite as large as in 1883. Sweet potatoes look well and the area is larger than last season. There will be over three-fourths of an average yield per acre of Irish potatoes. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average at corresponding dates in previous years, is as follows: Apples, bloom 107, condition 94; peaches, bloom 95, condition 100; pears, bloom 97, condition 100; plums, bloom 105, condition 100; cherries, bloom 113, condition 105; grapes, bloom 75, condition 63; strawberries, bloom 101, condition 95; raspberries, bloom 100, condition 101; blackberries, bloom 92, condition 83; gooseberries, bloom 97, condition 99; currants, bloom 104, condition 102. The number of births of farm animals this spring as compared with that of 1883, and the present condition of young stock as compared to an average, are given by percentage, and are as follows: Pigs, number 82, condition 100; lambs, number 102, condition 100; colts, number 93, condition 98; calves, number 95, condition 100.

LAWRENCE—There will be over three-fourths of an average yield per acre of corn—the area is as large as last season. Corn was planted late owing to the unfavorable weather and is making slow growth. Broom corn is not in as good condition as corn—the area is less than last season. The same may be said of sorghum cane. There is much complaint of the appearance of chess in wheat fields—the condition has not improved during the past month, and from present prospects there will not be two-thirds of an average yield per acre. Oats are nearly up to an average in condition. The condition of rye and barley gives encouragement for over three-fourths of an average yield per acre—the area of barley is nearly one-fourth less than last season. The area of meadows and pastures is some larger than last season—meadows are above an average in condition. Irish and sweet potatoes promise a large average yield per acre—the area of Irish potatoes is not quite as large as last season. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average at corresponding dates in previous years, is as follows: Apples, bloom 100, condition 45; pears, bloom 100, condition 40; plums, bloom 107, condition 40; cherries, bloom 103, condition 37; grapes, bloom 93, condition 90; strawberries, bloom and condition 90; raspberries, bloom and condition 50; blackberries, bloom 58, condition 53; gooseberries and currants, bloom and condition 100. The number of births of farm animals this spring as compared with that of 1883, and the present condition of young stock as compared to an average are given by percentage, and are as follows: Pigs, number 107, condition 92; lambs, number 97, condition 100; colts, number 90, condition 100; calves, number 103, condition 107.

LEE—Corn is in good condition and the area is about as large as last season. The quality of seed corn planted was better than usual. The corn on drained land has been well worked and is above an average. Sorghum cane is up to an average in condition, and the area is some larger than in 1883. Wheat promises well. Oats are above an average in condition. Rye and barley are up to an average in condition. The area of barley is a fraction less than last season. Tobacco is up to an average in condition, and the area is as large as in 1883. Meadows and pastures are above an average in condition—the area of clover meadows is some larger than last season—area of timothy meadows not quite as large. More Irish and sweet potatoes planted than in 1883. Irish potatoes are above an average in condition. Sweet potatoes promise nearly an average yield per acre. The percentage of bloom and condition of fruit as compared with June 1, 1883, is as follows: Apples, bloom 126, condition 103; pears, bloom 83, condition 80; plums, bloom 120, condition 100; cherries, bloom 106, condition 105; grapes, bloom 96, condition 92; strawberries, bloom 101, condition 97; raspberries, bloom 103, condition 101; blackberries, bloom 104, condition 101; gooseberries, bloom 102, condition 99; currants, bloom and condition 103. The number of births of farm stock this spring as compared with June, 1883, and with an average as to condition are given by percentage, and are as follows: Pigs, number 78, condition 94; lambs, number 91, condition 91; colts, number 99, condition —; calves, number 103, condition 100.



**LIVINGSTON**—Corn is nearly up to an average in condition and doing fairly well considering the poor quality of much of the seed and the cold spring. The corn area is not quite as large as last season. Broom corn is looking well, and the area is as large as last season. The area of sorghum cane is some larger than last season—the crop is about up to an average in condition. Winter wheat is nearly up to an average in condition. Spring wheat, oats and barley are up to an average in condition. Rye will make more than three-fourths of an average yield per acre. Flax is above an average in condition, and the area is nearly as large as last season. Timothy meadows and pastures look well, and the area is larger than last season. Clover meadows are not up to an average in condition, and the area is not as large as in 1883. Irish and sweet potatoes promise nearly an average yield per acre—the area of Irish potatoes is some larger than last season. The percentage of bloom and condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 113, condition 83; pears, bloom 100, condition 95; plums, bloom 95, condition 87; cherries, bloom 114, condition 98; grapes, bloom 92, condition 80; strawberries, bloom 105, condition 90; raspberries, bloom 104, condition 103; blackberries, bloom 102, condition 105; gooseberries, bloom 106, condition 91; currants, bloom 102, condition 90. The number of births of farm stock this spring as compared with 1883, and with an average as to condition are given by percentage, and are as follows: Pigs, number 89, condition 96; lambs, number 93, condition 100; colts, number 104, condition 101; calves, number 94, condition 101.

**LOGAN**—The stand of corn is not up to an average, largely owing to inferior quality of seed planted; the growth of corn has been slow. The crop looks fairly well on drained land; the area is some larger than last season. Sorghum cane is up to an average in condition, and the area is larger than last season. Winter wheat is doing well, and is nearly up to an average in condition. Rye and oats are up to an average in condition. Meadows and pastures are above an average in condition, and the area is larger than in 1883. The area of Irish and sweet potatoes is as large as last season, and from present prospects there will be an average yield per acre. The percentage of bloom and condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 116, condition 107; pears, bloom 100, condition —; plums, bloom and condition, 102; cherries, bloom 105; condition 100; grapes, bloom 92; condition 89; strawberries, bloom and condition, 106; raspberries, bloom 101, condition 104; blackberries, bloom and condition, 105; gooseberries, bloom and condition, 99; currants, bloom, 102, condition 101. The number of births of farm animals as compared with 1883 and with an average as to condition, are given by percentage and are as follows: Pigs, number 103, condition 98; lambs, number 99, condition 100; colts, number 107, condition 101; calves, number and condition, 101 per cent.

**MACON**—The area of corn is nearly as large as in 1883; the cold season has not been favorable for corn, and the prospects are not encouraging for much over three-fourths of an average yield per acre. Sorghum cane looks well, and the area is as large as last season. There will not be two-thirds of an average yield per acre of winter wheat. Oats and rye are nearly up

to an average in condition. Meadows and pastures are not up to an average in condition, and the area of meadows is less than last year; the weather has been too dry and cold for grass. The area of Irish potatoes is not as large as in 1883, and the crop is not up to an average in condition. The area of sweet potatoes is as large as last season, and the crop is nearly up to an average in condition. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 110, condition 102; pears and plums, bloom and condition, 100; cherries, bloom 100, condition 80; grapes, bloom and condition, 75; strawberries, bloom 105, condition 95; raspberries, bloom and condition, 100; blackberries, bloom and condition, 105; Gooseberries and currants, bloom and condition, 100. The number of births of farm animals this spring as compared with that of 1883, and the present condition as compared to an average, are given by percentage and are as follows: Pigs, number 87, condition 100; lambs, number 92; condition 100; colts and calves, number and condition, 100.

**MACOUPIN**—The area of corn is some larger than last year; the cold, wet spring delayed planting, and has not been favorable for growth of corn; the condition gives encouragement for nearly three-fourths of an average yield per acre. The quality of seed corn was poor. The area of sorghum cane is some larger than last season. Wheat harvest will be late, and from present prospects there will not be two-thirds of an average yield per acre. Oats are nearly up to an average in condition. Rye will make three-fourths of an average yield per acre. Meadows and pastures are nearly up to an average in condition; the area of grass lands is some larger than in 1883. Irish and sweet potatoes are nearly up to an average in condition; the area of potatoes is not quite as large as last season. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 112, condition 86; pears, bloom 87, condition 92; plums, bloom 100, condition 80; cherries, bloom 95, condition 84; grapes, bloom 100, condition 87; strawberries, bloom 103, condition 97; raspberries, bloom 103, condition 90; blackberries, bloom 118, condition 105; gooseberries, bloom 95, condition 102; currants, bloom 100, condition 102. The number of births of farm animals this spring as compared with that of 1883, and the present condition as compared to an average, are given by percentage and are as follows: Pigs, number 97, condition 102; lambs, number 93, condition 92; colts, number 120, condition 92; calves, number 116, condition 105.

**MADISON**—Corn land, until May 22, was too cold and wet for satisfactory growth of corn. It has been difficult to get a good stand of corn, and from present prospects there will not be much over three-fourths of an average yield per acre. The area of corn and broom corn is some larger than last season. Many fields of wheat that promised a fair yield of wheat, since heading out, prove to be largely mixed with chaff. In some wheat fields 80 per cent. of the growth is chaff. But little over half an average yield per acre of winter wheat will be harvested. Oats are above an average in condition. Rye looks well. The area of meadows and pastures is some larger than last season; condition is nearly up to an average. Sweet potatoes look well, and the area is as large as last season. Irish

potatoes are nearly up to an average in condition: the area is about as large as in 1883. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 93, condition 75; pears, bloom 83, condition 65; plums, bloom 100, condition 87; cherries, bloom 97, condition 77; grapes, bloom 92, condition 99; strawberries and raspberries, bloom and condition, 100; blackberries, bloom 102, condition 100; gooseberries and currants, bloom 97, condition 100. The number of births of farm animals this spring as compared with that of 1883, and the present condition, as compared to an average, are given by percentage and are as follows: Pigs, number 92, condition 97; lambs, number 91, condition 100; colts, number 88, condition 95; calves, number 100, condition 102.

MARION—The area of corn is nearly as large as last season; the condition gives encouragement for about two-thirds of an average yield per acre. The area of sorghum cane is not as large as last season; condition nearly as good as that of corn. There is an unusual amount of chaff in wheat fields, and there is but little encouragement for more than half an average yield per acre. Rye will not make much over one-third of a crop. Oats promise nearly three-fourths of an average yield per acre. Grass has not made usual growth and meadows and pastures are not up to an average in condition; the area of pastures is not as large as in 1883. Irish and sweet potatoes will make about three-fourths of an average yield per acre; the area of Irish potatoes is less than last season. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 95, condition 42; plums, bloom 90, condition 35; cherries, bloom 35, condition 40; grapes, bloom 100, condition 40; strawberries, bloom 75, condition 50; raspberries, bloom 97, condition 95; blackberries, bloom and condition 70; gooseberries, bloom 100, condition 90; currants, bloom 100, condition 97. The number of births of farm animals this spring, as compared with that of 1883, and the present condition of young stock, as compared to an average, are given by percentage and are as follows: Pigs, number 87, condition 80; lambs, number 100, condition 97; colts, number 55, condition 70; calves, number and condition 100.

MARSHALL—The area of corn is as large as last season, and from present prospects there will be more than an average yield per acre. Sorghum cane looks well, and the area is some larger than in 1883. Prospects have seldom been better for a large average yield per acre of spring and winter wheat. Oats are above an average in condition. Rye looks well. Meadows and pastures are up to an average in condition; the area of clover meadows and pastures is larger than last season. The area of Irish potatoes is larger than last season and the condition is above an average. Sweet potatoes look well and the area is as large as in 1883. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 107, condition 97; pears, bloom 70, condition 60; plums, bloom 122, condition 105; cherries, bloom 97, condition 98; grapes, bloom 85, condition 70; strawberries, bloom 107, condition 112; raspberries, bloom 97, condition 100; blackberries, bloom 90, condition 97; gooseberries, bloom 102, condition 105; currants bloom 100, condition 105. The number of births of

farm animals this spring, as compared with that of 1883, and the present condition of young stock as compared to an average, are given by percentage and are as follows: Pigs, number 105, condition 107; lambs, number 102, condition 100; colts, number 105, condition 97; calves, number 105, condition 100.

MASON—Corn is nearly up to an average in condition; the area is some larger than last season; the stand is generally good. There is a large increase in the area of sorghum cane, as compared to that of 1883; this crop is nearly up to an average in condition. There are more complaints than usual of chaff in wheat; the prospects are encouraging for nearly an average yield per acre. Oats and rye are up to an average in condition. Meadows look well, and pastures are above an average in condition; area of grass lands same as in 1883. Irish potatoes are nearly up to an average in condition; the area is not quite as large as last season. Sweet potatoes promise an average yield per acre; the area is nearly one-fourth less than in 1883. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average of previous years at corresponding date, is as follows: Apples, bloom 96, condition 77; pears, bloom 90, condition 77; plums, bloom 97, condition 87; cherries, bloom 95, condition 82; grapes, bloom 100, condition 97; strawberries, bloom and condition 97; raspberries, bloom 102, condition 103; blackberries, bloom 102, condition 100; gooseberries, bloom 97, condition 93; currants, bloom and condition 103. The number of births of farm animals this spring, as compared with that of 1883, and the present condition of young stock as compared to an average, are given by percentage and are as follows: Pigs, number 73, condition 93; colts, number 103, condition 100; calves, number 93, condition 100.

MASSAC—The cold, wet spring has been unfavorable for planting corn, and the area is not quite as large as last season; the corn has made but little growth, and from present prospects there will not be much over three-fourths of an average yield per acre. Sorghum cane is in about the same condition as corn; area is less than last season. Wheat has not made any improvement during the past month, and the prospects are not favorable for even three-fourths of an average yield per acre. Oats and rye are nearly up to an average in condition. The area of tobacco is less than last season and the condition indicates over three-fourths of an average yield per acre. Meadows and pastures are not quite up to an average in condition; the area of pastures is not quite as large as in 1883. The area of Irish potatoes is some larger than last season, and the condition is above an average. Sweet potatoes are nearly up to an average and the area is nearly as large as last season. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average of previous years at corresponding date, is as follows: Apples, bloom 85, condition 70; pears, bloom 60, condition 60; plums, bloom 87, condition 53; cherries, bloom 73, condition 68; grapes, bloom 93, condition 88; strawberries, bloom 100, condition 97; raspberries, bloom 88, condition 91; blackberries, bloom 96, condition 97; gooseberries, bloom 84, condition 89; currants, bloom 60, condition 77. The number of births of farm animals this spring, as compared with that of 1883, and the present condition of young stock as compared to an average, are given by percentage and are



as follows: Pigs, number 100, condition 99; lambs, number 97, condition 95; colts, number 107, condition 100; calves, number 101, condition 97.

**MCDONOUGH**—Corn is up to an average in condition; the color and stand good; area not quite as large as last season. Sorghum cane looks well, and the area is as large as last year. Wheat on drained land looks well, and is up to an average in condition. Oats are above an average in condition. Rye will make nearly an average yield per acre. Meadows and pastures are above an average in condition, and the area of meadows is some larger than last season. Irish potatoes are up to an average in condition; area nearly as large as in 1883. Sweet potatoes are nearly up to an average in condition, and the area is as large as last season. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average of previous years at corresponding dates, is as follows: Apples, bloom 103, condition 92; plums, bloom 100, condition 80; cherries and blackberries, bloom and condition 100; grapes, bloom and condition 100; raspberries, bloom and condition 93; currants, bloom 100, condition 97. The number of births of farm animals this spring as compared with that of 1883, and the present condition of young stock as compared to an average, are given by percentage, and are as follows: Pigs, number 105, condition 90; lambs, number 80, condition 95; colts, number 105, condition 100; calves, number 107, condition 100.

**McHENRY**—Farmers generally planted early varieties of home-grown seed, and corn is nearly up to an average in condition; the area is as large as last season, and considerable corn was up the middle of May. The area of broom corn is not as large as last season; the crop looks well. Sorghum cane is up to an average in condition, and the area is larger than last season. Winter wheat is up to an average in condition, and from present prospects there will be an average yield per acre. Oats are above an average in condition. Barley is nearly up to an average in condition; the area is not as large as last season. The area of flax is nearly one-half less than last season; the crop bids fair to make an average yield per acre. The area of meadows is nearly as large as last season; grass is making rapid growth, and will soon be up to an average in condition. The area of pastures is some larger than in 1883. Irish and sweet potatoes look well; the area of Irish potatoes is not quite as large as last season. The percentage of bloom and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 120, condition 117; pears, bloom 102, condition 90; plums, bloom and condition, 100; cherries, bloom 127, condition 103; grapes, bloom 77, condition 73; strawberries, bloom 106, condition 100; raspberries, bloom and condition 100; blackberries, bloom 91, condition 83; gooseberries and currants, bloom and condition 100. The number of births of farm animals as compared with 1883 and with an average as to condition are given by percentage, and are as follows: Pigs, number 80, condition 91; lambs, number 87, condition 95; colts, number 92, condition 95; calves, number 104, condition 96.

**McLEAN**—Some early planted corn on drained land was up May 5. There has been an unusual amount of replanting, owing to the inferior quality of seed planted. Corn is not up to an average in con-

dition, and the area is not quite as large as last season. Broom corn, from present prospects, will not make much over three-fourths of an average yield per acre; the area is but little over half as large as that of 1883. Winter wheat will make nearly an average yield per acre; spring wheat over three-fourths of an average yield per acre. Oats are above an average in condition. Rye is nearly up to an average in condition. Meadows and pastures are in fine condition, and the area is some larger than last season. Clover is nearly up to an average in condition. Irish potatoes are above an average in condition, and the area is nearly as large as last season. Sweet potatoes are nearly up to an average in condition, and the area is about as large as in 1883. The percentage of bloom and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 111, condition 99; pears, bloom 97, condition 87; plums, bloom 100, condition 90; cherries, bloom 105, condition 92; grapes, bloom and condition 67; strawberries, bloom 105, condition 102; raspberries, bloom 99, condition 67; blackberries, bloom 101, condition 97; gooseberries, bloom 94, condition 89; currants, bloom 94, condition 97. The number of births of farm animals as compared with spring of 1883, and with an average as to condition, are given by percentage, and are as follows: Pigs, number 100, condition 96; lambs, number and condition 95; colts, number 97, condition 100; calves, number and condition 100.

**MENARD**—Corn is nearly up to an average in condition; there has been an unusually large amount of replanting, owing to the inferior quality of seed; the area of corn is as large as last season. Broom corn looks well, and the area is as large as last season. Sorghum cane is nearly up to an average in condition; the area is almost as large as in 1883. Winter and spring wheat are nearly up to an average in condition. Rye looks well. Barley will not make quite an average yield per acre. Meadows and pastures are above an average in condition, and the area is larger than last season. Irish potatoes look well, and sweet potatoes are nearly up to an average in condition; the area of Irish potatoes is nearly as large as last season. The percentage of bloom and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 105, condition 77; pears, bloom 103, condition 72; plums, bloom 115, condition —; cherries, bloom 105, condition 83; grapes, bloom 88, condition 83; strawberries, bloom and condition 100; raspberries, bloom 103, condition 100; blackberries, bloom 90, condition 87; gooseberries, bloom 100, condition 104; currants, bloom and condition 100. The number of births of farm animals as compared with the spring of 1883 and with an average as to condition are given by percentage, and are as follows: Pigs, number 94, condition 97; lambs, number 95, condition 102; colts, number 102, condition 97; calves, number 98, condition 100.

**MERCER**—Corn is nearly up to an average in condition—the corn area is some larger than last season. The area of broom corn is nearly one-fourth less than last season. Sorghum cane is nearly up to an average in condition, and the area is larger than in 1883. Winter wheat is up to an average in condition. Rye looks well, and oats promise a large yield. The area of meadows and pastures is some larger than in 1883. Pastures are above an average in condition, and meadows will make nearly



an average yield per acre of hay. The area of Irish and sweet potatoes is not as large as in 1883. Irish potatoes are above an average in condition. The percentage of bloom and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 113, condition 106; pears, bloom 113, condition 93; plums, bloom 110, condition 103; grapes, bloom 62, condition 62; strawberries, bloom and condition 102; raspberries, bloom and condition 97; blackberries, bloom and condition 110; gooseberries, bloom 100, condition 97; currants, bloom 102, condition 100. The number of births of farm animals as compared with last spring and with an average as to condition, are given by percentage, and are as follows: Pigs, number 95, condition 100; lambs, number 87, condition 100; colts, number 95, condition 100; calves, number 102, condition 100.

**MONROE**—The area of corn is nearly as large as last season—the prospects are not encouraging for much over three-fourths of an average yield per acre. Broom corn looks well, and the area is as large as last season. Same may be said of sorghum cane. Winter wheat and oats are not quite up to an average in condition. Rye looks well. The area of barley is as large as in 1883, and the condition is nearly up to an average. Meadows look well, and the area is some larger than last season. Area of pastures not quite as large as last season—condition about up to an average. The area of Irish potatoes is some larger than in 1883—condition of crop nearly up to an average. Sweet potatoes look well, and the area is as large as last season. The percentage of bloom and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 87, condition 92; peaches, bloom and condition 50; pears, bloom 77, condition 80; plums, bloom and condition 92; cherries, bloom 90, condition 77; grapes, bloom 100, condition 95; strawberries and raspberries, bloom and condition 100; blackberries, bloom 92, condition 90; gooseberries, bloom and condition 90; currants, bloom 87, condition 92. The number of births of farm animals as compared with last spring and with an average as to condition are given by percentage, and are as follows: Pigs, number 93, condition 98; lambs, number 87, condition 97; colts, number 102, condition 100; calves, number 103, condition 100.

**MONTGOMERY**—The stand of corn is uneven owing to the inferior quality of much of the seed corn and the unfavorable weather—the area of corn is not quite as large as last season. Prospects are not encouraging for more than half an average yield per acre of broom corn—the area is as large as last season. Sorghum cane will not make an average yield per acre—the new planting is not as large as that planted in 1883. The wheat fields have largely been taken by cheat, and the prospects are not encouraging for more than half an average yield per acre. Fields that promised one-half to three-fourths of an average yield of wheat per acre on May 1, have since been plowed up owing to the great amount of cheat. Oats are nearly up to an average in condition, and rye will make more than three-fourths of an average yield per acre. Meadows and pastures are above an average in condition—the area of meadows is some larger than last season. The area of Irish potatoes is not as large as last season, and from present prospects there will not be much over three-fourths of an average yield per acre. Sweet potatoes are

about up to an average in condition, and the area is as large as in 1883. The fruit prospects in some localities were injured by the hail storm. The percentage of bloom and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 100, condition 60; pears, bloom 83, condition 62; plums, bloom 88, condition 76; cherries, bloom 92, condition 87; grapes, bloom 85, condition 85; strawberries and raspberries, bloom and condition 100; blackberries, bloom 85, condition 90; gooseberries, bloom 100, condition 90; currants, bloom 97, condition 96. The number of births of farm animals as compared with last spring and with an average as to condition are given by percentage, and are as follows: Pigs, number 97, condition 101; lambs, number 91, condition 101; colts, number 93, condition 100; calves, number 96, condition 102.

**MORGAN**—Prospects are not encouraging for much over three-fourths of an average crop of corn—there is much complaint of poor seed corn and much of the early planting had to be replanted. The area of corn will be about the same as last season. Sorghum cane is nearly up to an average in condition—the area is larger than last season. An unusual amount of cheat is found in wheat fields, and there will not be three-fourths of an average yield per acre. Oats and rye promise well. Meadows and pastures are up to an average in condition—the area of grass land is nearly as large as in 1883. Irish potatoes look well, and the area is some larger than last season. Sweet potatoes are nearly up to an average in condition—the area is as large as last season. The percentage of bloom and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 107, condition 80; pears, bloom and condition 87; plums, bloom 96, condition 66; cherries, bloom 96, condition 92; grapes, bloom 66, condition 75; strawberries, bloom 104, condition 102; raspberries, bloom and condition 94; blackberries, bloom and condition 117; gooseberries, bloom and condition 103; currants, bloom 97, condition 92. The number of births of farm animals as compared with last spring and with an average as to condition are given by percentage, and are as follows: Pigs, number 93, condition 100; lambs, number 115, condition 106; colts, number 107, condition 100; calves number 99, condition 100.

**MOULTRIE**—The area of corn is some larger than last year; corn is nearly up to an average in condition; seed corn was inferior as to quality. Sorghum cane is nearly up to an average in condition, and the area is as large as last season. The area of broom corn is some larger than last season. Prospects are encouraging for more than three-fourths of an average yield per acre of winter wheat. Oats and rye are about up to an average in condition. Flax looks well, and the area is as large as last season. Meadows and pastures are about up to an average in condition, and the area is about the same as last season. Irish and sweet potatoes look well; the area of Irish potatoes is not quite as large as last season. The percentage of bloom and the condition of fruit June 1, as compared with an average, is as follows: apples, bloom 110, condition 97; pears, bloom 100, condition 95; plums, bloom 105; condition 75; cherries, bloom 103, condition 100; grapes, bloom 98, condition 96; strawberries, bloom 97; condition 98; raspberries bloom 102; condition 100; blackberries bloom 102, condition 98; gooseberries

bloom 92, condition 100; currants, bloom 87; condition 90. The number of births of farm animals, as compared with last spring, and with an average as to conditions, are given by percentage, and are as follows: pigs, number 89, condition 97; lambs, number and condition 100; colts, number 104, condition 100; calves, number 104, condition 100.

OGLE—Corn is nearly up to an average in condition, and the area is about as large as last season. Broom corn looks well, and the area is one-fourth less than last season. The area of sorghum cane is one-third less than last season; and from present prospects there will not be two-thirds of an average yield per acre. Winter wheat is above an average in condition. Spring wheat is nearly up to an average in condition. Rye and oats are above an average in condition. Barley looks fine, and the area is some larger than last season. Meadows and pastures have seldom been in better condition at this season; the area of meadows is some larger than last season. There will be three-fourths of an average yield per acre of Irish potatoes; the area is not as large as last season; the percentage of bloom and the condition of fruit June 1, as compared with an average, is as follows: apples, bloom 113, condition 100; plums, bloom 95, condition 73; cherries, bloom 123, condition 101; grapes, bloom 92, condition 86; strawberries, bloom 119, condition 85; raspberries, bloom 108, condition 105; blackberries, bloom 107, condition 108; gooseberries, bloom 106, condition 101; currants, bloom and condition 109. The number of births of farm animals, as compared with last spring and with an average as to condition, are given by percentage and are as follows: pigs, number 87, condition 94; lambs, number 96, condition 94; colts number 102, condition 100; calves, number 101, condition 93.

PEORIA—Corn is nearly up to an average in condition, and the area is some larger than last season; there are some complaints that insects are affecting corn. The area of sorghum cane is nearly one-fourth larger than last season, and the prospects are encouraging for more than three-fourths of an average yield per acre. Winter wheat looks well. Spring wheat, rye and oats are up to an average in condition. The area of barley is as large as last season. Meadows and pastures are above an average in condition; the area of meadows is not quite as large as last season. Irish and sweet potatoes are nearly up to an average in condition; the area of Irish potatoes is not quite as large as last season. The percentage of bloom and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 110, condition 100; pears, bloom 107, condition 93; plums, bloom 102, condition 100; cherries, bloom 106, condition 105; grapes, bloom 89, condition 86; strawberries, bloom 96, condition 94; raspberries, bloom 95, condition 90; blackberries, bloom 107, condition 103; gooseberries, bloom 101, condition 97; currants, bloom 107, condition 102. The number of births of farm animals, as compared with last spring, and with an average as to condition, are given by percentage, and are as follows: Pigs, number 87, condition 99; lambs, number 86, condition 99; colts, number 99, condition 98; calves, number 102, condition 101.

PERRY—The area of corn is some larger than last season; corn has not made usual

growth, owing to the want of rain; the prospects are not encouraging for much over three-fourths of an average yield per acre. Sorghum cane is nearly up to an average in condition, and the area is as large as last season. There is some complaint of chaff in wheat; the condition gives encouragement for about two-thirds of an average yield per acre. Oats are about an average in condition, and rye will make nearly an average yield per acre. The area of tobacco is as large as last season; the crop looks well. The area of meadows and pastures is larger than last season, and grass is about up to an average in condition. Irish potatoes are above an average in condition, and the area is larger than last season. Sweet potatoes are nearly up to an average in condition, and the area is about as large as last season. The percentage of bloom and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 89, condition 60; pears, bloom 80, condition 60; plums, bloom 102, condition 95; cherries, bloom 85, condition 92; grapes, bloom and condition 97; strawberries, bloom 94, condition 85; raspberries, bloom 97, condition 94; blackberries, bloom 94, condition 87; gooseberries and currants, bloom 94, condition 87. The number of births of farm animals, as compared with last spring, and condition, as compared with an average, are given by percentage, and are as follows: Pigs, number 95, condition 166; lambs, number 92, condition 99; colts, number 96, condition 95; calves, number 102, condition 100.

PIATT—Corn is nearly up to an average in condition, and the area is some larger than last season. Broom corn looks well; the area is not quite as large as in 1883. Sorghum cane is up to an average in condition, and the area is larger than last season. Winter wheat is making good growth, and the prospects are encouraging for more than three-fourths of an average yield per acre. Oats are above an average in condition. Rye will make nearly an average yield per acre. Flax looks well; the area is not as large as last season. Meadows and pastures are above an average in condition, and the area is some larger than last season. The area of sweet potatoes is as large as in 1883, and the condition is above an average. Irish potatoes are not quite up to an average in condition and the area is less than last season. The percentage of bloom and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 107, condition 90; pears, bloom 98, condition 95; plums, bloom 107, condition 97; cherries, bloom 101, condition 81; grapes, bloom 86, condition 82; strawberries, bloom 102, condition 100; raspberries, bloom 96, condition 92; blackberries, bloom 100, condition 95; gooseberries and currants, bloom 101, condition 97. The number of births of farm animals, as compared with last spring, and condition, as compared with an average, are given by percentage, and are as follows: Pigs, number 94, condition 101; lambs, number 90, condition 98; colts, number 99, condition 100; calves, number and condition 100.

PIKE—The area of corn is as large as last year, and where good seed was used is up to an average in condition; the seed corn was not generally good, and there has been more replanting than usual. There will be over three-fourths of an average yield per acre of sorghum cane; the area is some larger than in 1883. There will be about



half an average yield per acre of winter wheat; the chess predominates in many wheat fields. There will be more than an average yield per acre of oats. Rye is up to an average in condition. Meadows are not up to an average in condition, and the area is not as large as last season. Pastures are nearly up to an average in condition; the area is about as large as in 1883. The percentage of bloom this spring, and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 116, condition 104; pears, bloom 100, condition 75; plums, bloom and condition, 100; cherries, bloom 100, condition 87; grapes, bloom 77, condition 75; strawberries, bloom and condition, 100; raspberries, bloom 87, condition 100; blackberries, bloom 83, condition 100; gooseberries, bloom 87, condition 100; currants, bloom and condition, 100. The number of births of farm animals as compared with last spring, and condition as compared with an average, are given by percentage and are as follows: Pigs, number 105, condition 100; lambs, number 95, condition 100; colts, number 110, condition 100; calves, number 95, condition 100.

POPE—Corn has not made satisfactory growth, owing to the cold, wet spring, and from present prospects there will not be three-fourths of an average yield per acre; the area is as large as last season. Winter wheat will make about three-fourths of an average yield per acre with favorable season until harvest. Oats look well, and rye is nearly up to an average in condition. Meadows and pastures are in fine condition; area of grass lands is not as large as last season. The percentage of bloom this spring, and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 90, condition 70; pears, bloom 70, condition 50; plums and cherries, bloom 100, condition 50; strawberries, bloom 80, condition 50. The number of births of farm animals as compared with last spring, and condition June 1 as compared with an average, are given by percentage and are as follows: Pigs, number 80, condition 90; lambs, number 100, condition 95; colts and calves, number and condition, 100.

PULASKI—Corn is not up to an average in condition, and with the most favorable weather will hardly make an average yield per acre; the area is not as large as last season. Broom corn is up to an average in condition, and the area is as large as in 1883. Sorghum cane looks well; the area is some larger than in 1883. Winter wheat is in splendid condition; wheat is heading out nicely, and will make a large yield per acre. Oats are nearly up to an average in condition. Rye is in good condition. Barley promises an average yield per acre, and the area is as large as last season. Tobacco is up to an average in condition, and the area is nearly as large as last season. Meadows and pastures are in excellent condition, and the area of grass lands is some larger than in 1883. Sweet potatoes look well, and Irish potatoes are above an average in condition; the area of Irish potatoes is not as large as last season. The percentage of bloom this spring, and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 52, condition 97; pears, bloom 95, condition 98; plums, bloom 97, condition 98; cherries, bloom 80, condition 97; grapes, bloom 103, condition 102; strawberries, bloom 90, condition 83; raspberries, bloom 105, condition 100; blackberries, bloom 102, condition 100;

gooseberries, bloom 97, condition 98; currants, bloom and condition, 97. The number of births of farm animals as compared with last spring, and condition June 1 as compared with an average, are as follows: Pigs, number 98, condition 100; lambs, number 90, condition 100; colts, number 105, condition 100; calves, number and condition, 100.

PUTNAM—Corn is nearly up to an average in condition, and the area is some larger than last season; the weather has not been warm enough for the rapid growth of corn. Sorghum cane is nearly up to an average in condition, and the area is as large as last season. Winter and spring wheat and rye are nearly up to an average in condition. Oats are making very satisfactory growth. Meadows and pastures are above an average in condition; area of timothy meadows not quite as large as last season; more clover sown this spring than usual. Irish and sweet potatoes are nearly up to an average in condition; area not quite as large as last season. The percentage of bloom this spring, and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 120, condition 99; pears, bloom 103, condition 100; plums, bloom 87, condition 100; cherries, bloom 107, condition 100; grapes, bloom 100, condition 96; strawberries, bloom and condition, 105; raspberries, bloom and condition, 102; blackberries, bloom 94, condition 92; gooseberries, bloom 90, condition 91; currants, bloom 100, condition 101. The number of births of farm animals as compared with last spring, and the condition June 1 as compared with an average, are as follows: Pigs, number 97, condition 101; lambs, number 100, condition 98; colts, number 92, condition 99; calves, number and condition, 99.

RANDOLPH—The area of corn is some larger than last season; the stand is uneven, and the condition does not give encouragement for much over three-fourths of an average yield per acre. The area of broom corn is as large as last season, and the condition is nearly up to an average; same may be said of sorghum cane. Winter wheat stands thin on the ground and does not promise much over three-fourths of an average yield per acre. Oats are above an average in condition, and rye looks well. The area of meadows and pastures is some larger than last season, and the condition of grass is above the average. Irish and sweet potatoes are up to an average in condition; the area is not as large as last season. The percentage of bloom and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 87, condition 69; pears, bloom 76, condition 83; plums, bloom 91, condition 59; cherries, bloom 85, condition 60; grapes, bloom and condition, 99; strawberries, bloom 98, condition 96; raspberries, bloom 87, condition 92; blackberries, bloom 90, condition 87; gooseberries, bloom 97, condition 88; currants, bloom 101, condition 102. The number of births of farm animals, as compared with last spring and with an average as to condition are given by percentage, and are as follows: Pigs, number 102, condition 100; lambs, number 82, condition 100; colts, number 103, condition 100; calves, number 107, condition 100.

RICHLAND—The area of corn is some larger than last season; the seed corn used was not up to an average in quality, and the stand is not up to an average. The prospects are not encouraging for much



over three-fourths of an average yield per acre. There will be about two-thirds of an average yield per acre of sorghum cane; the area is one-fourth less than in 1883. In some localities the condition of wheat has improved during the past month, but under the most favorable circumstances the crop of the county will not make half an average yield per acre. Oats look well, and rye is nearly up to an average in condition. Meadows and pastures look well, and the area is as large as last season. Irish and sweet potatoes are nearly up to an average in condition; the area of Irish potatoes is not as large as in 1883. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 80, condition 39; peaches, bloom 25, condition 10; pears, bloom 53, condition 50; plums, bloom 87, condition 93; cherries, bloom 68, condition 39; grapes, bloom 95, condition 85; strawberries, bloom and condition 75; raspberries, bloom 95, condition 90; blackberries, bloom 52, condition 62; gooseberries, bloom and condition 99; currants, bloom 100, condition 87. The number of births of farm animals, as compared with last spring, and the condition June 1, as compared with an average, are as follows: Pigs, number 81, condition 90; lambs, number 71, condition 87; colts, number 60, condition 71; calves, number 97, condition 95.

**ROCK ISLAND**—Corn area is not quite as large as last season; the stand is good and with favorable conditions there will be more than an average yield per acre. The area of sorghum cane is nearly one-fourth less than in 1883; the crop is nearly up to an average in condition. Winter and spring wheat are about up to an average in condition. Oats look well. Rye will make over three-fourths of an average yield per acre. It has been rather dry for the most satisfactory growth of grass, and meadows and pastures are not up to an average in condition. There will be a good yield per acre of Irish and sweet potatoes and the area is as large as last season. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 105, condition 96; pears, bloom 75, condition 70; plums, bloom 105, condition 77; cherries, bloom 110, condition 96; grapes, bloom 47, condition 54; strawberries, bloom and condition 102; raspberries and blackberries, bloom and condition 101; gooseberries, bloom 87, condition 92; currants, bloom 102, condition 100. The number of births of farm animals, as compared with last spring, and the condition June 1, as compared with an average at corresponding dates, are given by percentage and are as follows: pigs, number 74, condition 92; lambs, number 78, condition 90; colts, number 92, condition 97; calves, number 97, condition 99.

**SALINE**—The area of corn is some larger than last season; the prospects are encouraging for more than three-fourths of an average yield per acre. Sorghum cane is nearly up to an average in condition and the area is as large as last season. Winter wheat is heading out on short straw and the heads are small and not well filled; the prospects are not encouraging for much over three-fourths of an average yield per acre. Oats are above an average in condition. Rye will make nearly three-fourths of an average yield per acre. Tobacco is up to an average in condition and the area is larger than last season. The area of meadows and pastures is not as large as last season and the condition of meadows

is not quite up to an average. Irish potatoes look well and the area is some larger than in 1883. Sweet potatoes look well; the area is nearly as large as last season. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 107, condition 92; pears, bloom 93, condition 87; plums, bloom 97, condition 84; cherries, bloom 87, condition 80; grapes, bloom 93, condition 90; strawberries, bloom 100, condition 97; raspberries, bloom 88, condition 100; blackberries, bloom 62, condition 87; gooseberries, bloom and condition 93; cherries, bloom and condition 100. The number of births of farm animals this spring, as compared with last season, and the condition June 1, as compared with an average at corresponding dates in previous years, are given by percentage and are as follows: Pigs, number 108, condition 97; lambs, number 103, condition 93; colts, number and condition 100; calves, number 100; condition 98.

**SANGAMON**—The area of corn is some larger than last season; the seed corn was much below the average in quality; the stand is only fair; unless there is considerable improvement in the condition of corn there will not be an average yield per acre. The area of broom corn is as large as in 1883 and from the present prospects there will be three-fourths of an average yield per acre; the same may be said of sorghum cane. Winter wheat is nearly up to an average in condition; considerable chess is found in wheat. Oats and rye are up to an average in condition. Meadows promise a large hay crop; pastures are up to an average in condition; area of meadows not quite as large as in 1883. Irish and sweet potatoes are about up to an average in condition; the area of Irish potatoes is some larger than in 1883. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 108, condition 85; pears, bloom 90, condition 70; plums, bloom 103, condition 70; cherries, bloom 103, condition 87; grapes, bloom and condition 100; strawberries, bloom 107, condition 102; raspberries, bloom 103, condition 102; blackberries, bloom and condition 97; gooseberries, bloom 103, condition 102; currants, bloom 107, condition 105. The number of births of farm animals this spring, as compared with last season, and the condition June 1, as compared with an average at corresponding dates in previous years, are given by percentage and are as follows: Pigs, number 80, condition 90; lambs, number 87, condition 100; colts, number 95, condition 100; calves, number 105, condition 100.

**SCHUYLER**—The area of corn is some larger than last year; owing to the inferior quality of much of the seed corn the stand is not even and from present prospects there will not be an average yield per acre. Broom corn looks well and the area is as large as last season. Sorghum cane is up to an average in condition, the area is not as large as last season. Wheat has made some improvement during the past month, and with continued favorable conditions until harvest, will make more than three-fourths of an average yield per acre. Oats are above an average in condition. Rye will make an average yield per acre. Meadows and pastures are nearly up to an average in condition; the area of grass lands is not quite as large as last season. Irish and sweet potatoes are up to an average in condition and the area is as large as last season. The percentage of bloom this

spring and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 107, condition 92; plums, bloom and condition 100; cherries, bloom 95, condition 86; grapes, bloom and condition 82; strawberries, bloom 93, condition 90; raspberries, bloom 89, condition 87; blackberries, bloom 74, condition 91; gooseberries, bloom 102, condition 99; currants, bloom 101, condition 99. The number of births of farm animals this spring, as compared with an average at corresponding dates in previous years, are given by percentage, and are as follows: pigs, number 81, condition 89; lambs, number 95, condition 88; colts, number 100, condition 87; calves, number 94, condition 95.

SCOTT—There has been much difficulty in obtaining a good stand of corn, owing to poor seed and unfavorable spring weather. The area of corn is not as large as last season, and unless there is considerable improvement there will not be an average yield per acre of corn. An unusual amount of chaff has made its appearance in wheat fields, and the prospect is not encouraging for two-thirds of an average yield per acre. Oats and rye are nearly up to an average in condition. Meadows are above an average in condition; pastures look well; the area of meadows is not quite as large as last season. Irish and sweet potatoes are nearly up to an average in condition; the area of potatoes is as large as in 1883. The percentage of bloom this spring and condition of fruit June 1, as compared with an average is as follows: Apples and pears, bloom and condition 100; plums, bloom 100, condition 93; cherries, bloom 98, condition 83; grapes, bloom 82, condition 80; strawberries, bloom 93, condition 95; raspberries, bloom 90, condition 83; blackberries, bloom 85, condition 80; gooseberries, bloom and condition 100; currants, bloom 90, condition 88. The number of births of farm animals this spring, as compared with last season, and the condition June 1, as compared with an average at corresponding dates in previous years are given by percentage and are as follows: Pigs number 81, condition 89; lambs number 95, condition 88; colts, number 100, condition 87; calves, number 94, condition 95.

SHELBY—Corn is nearly up to an average in condition, and the area is about as large as last season; wire and cut worms have injured the corn more than usual this season. Broom corn is up to an average in condition, and the area is as large as last season. Sorghum cane is not up to an average in condition, and the area is less than last season. There is a large amount of chaff in wheat fields and not over three-fourths of an average yield per acre of wheat will be realized. Oats and rye are nearly up to an average in condition. Barley is not quite up to an average in condition; the area is as large as last season. Tobacco looks well, and the area is as large as in 1883. Meadows and pastures are nearly up to an average in condition; the area of meadows is not quite as large as last season. Irish and sweet potatoes are nearly up to an average in condition; the area of Irish potatoes is not as large as in 1883. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 107, condition 97; pears, bloom 80, condition 82; plums, bloom 100, condition 80; cherries, bloom 105, condition 95; grapes, bloom 95, condition 92; strawberries, bloom 100, condition 95; raspberries, bloom and condition 100; blackberries, bloom 97, condition 92;

gooseberries, bloom 100, condition 102; currants, bloom 102, condition 95. The number of births of farm animals this spring as compared with last season, and the condition June 1, as compared with an average at corresponding dates in previous years, are given by percentage, and are as follows: Pigs, number 95, condition 97; lambs, number 97, condition 100; colts, number 99, condition 102; calves, number 104, condition 103.

STARK—The stand of corn is good and the condition gives encouragement for a full average yield per acre; the area is nearly as large as last season; the severe frosts on the 29th and 30th of May injured the early corn. Broom corn and sorghum cane are up to an average in condition, and the area is as large as last season. Winter wheat looks well, and spring wheat is nearly up to an average in condition. Oats are above an average in condition. Rye bids fair to make an average yield per acre. Barley is up to an average in condition, and the area is as large as last season. Meadows and pastures are nearly up to an average in condition; the area is about the same as in 1883. Irish and sweet potatoes are up to an average in condition, and the area of potatoes is as large as last season. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 111, condition 100; pears, number and condition 100; plums, bloom 105, condition 96; cherries, bloom 102, condition 95; grapes, bloom 100, condition 96; strawberries bloom, 100, condition 102; raspberries and gooseberries, bloom 102, condition 100; blackberries, bloom 104, condition 100; currants, bloom 104, condition 97. The number of births of farm animals this spring as compared with last season, and condition June 1, as compared with an average at corresponding dates in previous years, are given by percentage, and are as follows: Pigs, number 95, condition 97; lambs, number 95, condition 100; colts, number 100, condition 102; calves, number 102, condition 100.

ST. CLAIR—The stand of corn is very uneven, owing to the inferior quality of seed corn; there has been an unusual amount of replanting, and the prospects are not encouraging for more than three-fourths of an average yield per acre; the area of corn is less than in 1883. In some wheat fields more than one-half the area is occupied with chaff; the prospects are not encouraging for much over half an average yield per acre. Oats are nearly up to an average in condition. Rye looks well. Barley will not make two-thirds of an average yield per acre; the area of the growing crop is one-fourth less than last season. Tobacco is up to an average in condition, and the area is as large as last season. Meadows and pastures are above an average in condition, and the area is some less than in 1883. The area of Irish potatoes is one-fourth less than last season; the prospects are not encouraging for more than three-fourths of an average yield. Sweet potatoes are nearly up to an average in condition; the area is about the same as in 1883. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, are as follows: Apples, bloom 98, condition 88; pears, bloom 96, condition 100; plums, bloom and condition 102; cherries, bloom 79, condition 87; grapes, bloom 87, condition 80; strawberries, bloom 87, condition 97; raspberries, bloom 100, condition 102; blackberries, bloom and condition



102; gooseberries, bloom 97, condition 105; currants, bloom 100, condition 102. The number of births of farm animals this spring as compared with last spring, and the condition June 1, as compared with an average at corresponding dates in previous years, are given by percentage and are as follows: Pigs, number 106, condition 100; lambs, number 96, condition 97; colts, number 90, condition 100; calves, number and condition 100.

**STEPHENSON**—The area of corn is not quite as large as last season; corn is nearly up to an average in condition; some corn was cut down by the severe frost on the 29th of May; the cut-worms have necessitated much replanting. Sorghum cane and broom corn are up to an average in condition; the area is as large as in 1883. Spring wheat looks well, and winter wheat and rye are nearly up to an average in condition. The area of barley is nearly as large as last season; condition promises an average yield per acre. Tobacco is up to an average in condition, and the area is as large as last season. Meadows and pastures are above an average in condition, and the area is as large as in 1883. The area of Irish and sweet potatoes is as large as last season, and the prospects are good for a large yield per acre. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 109, condition 102; plums, bloom 100, condition 92; cherries, bloom 97, condition 102; grapes, bloom 80, condition 35; strawberries, bloom 105, condition 107; raspberries, bloom 100, condition 97; blackberries, bloom 95, condition 100; gooseberries, bloom 97, condition 100; currants, bloom 107, condition 101. The number of births of farm animals this spring, as compared with last spring, and the condition June 1, as compared with an average at corresponding dates in previous years, are given by percentage and are as follows: Pigs, number 75, condition 91; lambs, number 100, condition 100; colts, number 89, condition 95; calves, number 101, condition 100.

**TAZEWELL**—Corn is in good condition, and, with favorable season, will make more than an average yield per acre; the area is some larger than last season. Broom corn looks well, and the area is as large as last season. There is a much larger area of sorghum cane than last season, and this crop is up to an average in condition. Winter wheat and rye are nearly up to an average in condition, and are making good growth. Oats are above an average in condition. Meadows and pastures are in good condition, and the area is some larger than in 1883. Irish and sweet potatoes are not up to an average in condition, and the area is less than last season. The percentage of bloom this spring, and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 103, condition 85; peaches, bloom 50, condition 20; pears, bloom 88, condition 87; plums, bloom 90, condition 83; cherries, bloom 96, condition 90; grapes, bloom 87, condition 85; strawberries, bloom 100, condition 101; raspberries, bloom 98, condition 100; blackberries, bloom 102, condition 103; gooseberries, bloom 90, condition 88; currants, bloom 94, condition 80. The number of births of farm animals this spring, as compared with last spring, and the condition June 1, as compared with an average at corresponding dates in previous years, are given by per cent., and are as follows: Pigs, number 84, condition 97;

lambs, number 85, condition 92; colts, number 102, condition 94; calves, number 98, condition 100.

**UNION**—Corn planting has been delayed by the excessive and continued rains; the area is some larger than last season, and from present prospects there will not be an average yield per acre. Broom corn will make about three-fourths of an average yield per acre; the area is as large as last season. Sorghum cane is nearly up to an average in condition, and the area is some larger than in 1883. Winter wheat is heading out well, and the condition gives encouragement for more than three-fourths of an average yield per acre. Rye is nearly up to an average in condition. Oats will make an average yield per acre. Barley looks well, and the area is as large as in 1883. Tobacco is up to an average in condition, and the area is as large as last season. The area of meadows and pastures is some larger than last season; grass has made good growth. The area of Irish and sweet potatoes is some larger than in 1883; Irish potatoes have seldom been in better condition at this season; sweet potatoes are nearly up to an average in condition. The percentage of bloom this spring, and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 103, condition 85; peaches, bloom 50, condition 20; pears, bloom 88, condition 87; plums, bloom 90, condition 83; cherries, bloom 96, condition 90; grapes, bloom 87, condition 85; strawberries, bloom 100, condition 101; raspberries, bloom 98, condition 100; blackberries, bloom 102, condition 103; gooseberries, bloom 90, condition 88; currants, bloom 94, condition 89. The number of births of farm animals this spring as compared with last spring, and the condition June 1 as compared with an average at corresponding dates in previous years, are given by per cent. and are as follows: Pigs, number 97, condition 100; lambs, number 99, condition 95; colts, number 107, condition 105; calves, number 105, condition 102.

**VERMILION**—Corn looks well, and the area is as large as in 1883; there has been considerable replanting, owing to the inferior quality of the seed. Sorghum cane looks well, and the area is as large as last season. The wheat fields are largely occupied with chess, and there will be less than half an average yield per acre. Oats are above an average. Rye will make more than three-fourths of an average yield per acre. Flax looks well; the area is nearly one-fourth less than last season. Meadows and pastures are above an average in condition; the area of pastures is not quite as large as last season; more clover sown than usual this spring. Irish potatoes are in good condition; the area is not as large as in 1883. The percentage of bloom this spring, and the condition of fruit June 1, as compared with an average, is as follows: Apples, bloom 110, condition 120; pears, bloom 80, condition 85; cherries, bloom 100, condition 90; grapes, bloom 75, condition 80; strawberries, bloom 100, condition 95; raspberries and blackberries, bloom and condition 100; gooseberries, bloom and condition 70; currants, bloom 105, condition 110. The number of births of farm animals this spring as compared with last spring, and the condition June 1 as compared with an average at corresponding dates in previous years, are given by per cent. and are as follows: Pigs, number 100, condition 105; lambs, number and condition, 100; colts, number 105, condition 100; calves, number 95, condition 100.



**WABASH**—The wet weather delayed corn planting and the succeeding dry weather is not favorable for satisfactory growth of corn; the area is not quite as large as last season and from present prospects there will not be much over three-fourths of an average yield per acre. Sorghum cane is nearly up to an average in condition and the area is as large as in 1883; prospects are favorable for two-thirds of an average yield per acre. Oats will make more than three-fourths of an average yield per acre. Tobacco looks well and the area is as large as last season. Meadows are nearly up to an average in condition; area not quite as large as in 1883; pastures are not up to an average in condition. Irish potatoes are up to an average in condition; the area is as large as last season. The area of sweet potatoes is not as large as in 1883, and the condition is not up to an average. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average for corresponding date in previous years, is as follows: apples, bloom 103, condition 56; pears, bloom 71, condition 47; plums, bloom 100, condition 49; cherries, bloom 99, condition 32; grapes, bloom 92, condition 93; strawberries, bloom and condition 100; raspberries, bloom and condition 92; blackberries, bloom 31, condition 36; gooseberries, bloom 101, condition 94; currants, bloom 93, condition 100. The number of births of farm animals this spring, as compared with last spring, and the condition June 1, as compared with an average at corresponding dates in previous years, are given by per cent. and are as follows: pigs, number 88, condition 100; lambs, number 88, condition 100; colts, number 85, condition 93; calves, number 95, condition 100.

**WARREN**—Seed corn was good and the stand of corn is even; the area of corn is some larger than last season and from present prospects there will be more than an average yield per acre. The area of broom corn is not as large as in 1883, and the condition is not up to an average. Sorghum cane is nearly up to an average in condition and the area is as large as last season. Spring wheat looks well and winter wheat is nearly up to an average in condition. Rye will make an average yield per acre. Oats are above an average in condition. Barley looks well and the area is as large as last season. Meadows and pastures are above an average in condition; area of grass lands as large as in 1883. Irish and sweet potatoes are above an average in condition; area of Irish potatoes not as large as last season. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average for corresponding dates in previous years is as follows: Apples, bloom 110, condition 103; pears, bloom 105, condition 100; plums, bloom 104, condition 92; cherries, bloom 107, condition 106; grapes, bloom 70, condition 72; strawberries, bloom 104, condition 108; raspberries, bloom 105, condition 107; blackberries, bloom 107, condition 104; gooseberries, bloom 94, condition 91; currants, bloom 99, condition 106. The number of births of farm animals this spring as compared with last spring, and the condition June 1, as compared with an average at corresponding dates in previous years are given by per cent. and are as follows: Pigs, number and condition 107; lambs, number 92, condition 101; colts, number 112, condition 105; calves, number and condition 101.

**WASHINGTON**—The stand of corn is good and the condition gives encourage-

ment for an average yield per acre—the area is some larger than last season. Sorghum cane is up to an average in condition and the area is as large as last season. Prospects are not encouraging for more than two-thirds of an average yield per acre. Oats and rye are nearly up to an average in condition. Tobacco looks well and the area is as large as in 1883. Meadows are in good condition, and pastures are improving—the area of meadows and pastures is some larger than last season. Irish potatoes are not up to an average in condition and the area is less than last season. Sweet potatoes are nearly up to an average in condition—the area is as large as in 1883. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average for corresponding dates in previous years, is as follows: Apples, bloom 87, condition 65; pears, bloom 85, condition 87; plums, bloom 95, condition 90; cherries, bloom 95, condition 70; grapes, bloom 88, condition 82; strawberries, bloom 100, condition 95; raspberries, bloom and condition 100; blackberries, bloom 90, condition 80; gooseberries, bloom 100, condition 97; currants, bloom and condition 100. The number of births of farm animals this spring as compared with last spring and the condition June 1, as compared with an average for previous years are given by percentage, and are as follows: Pigs, number 100, condition 102; lambs, number 85, condition 93; colts, number 96, condition 97; calves, number 97; condition 98.

**WAYNE**—Seed corn was not as good as usual and there has been an unusual amount of replanting. Prospects are not encouraging for more than three-fourths of an average yield per acre—the area of corn is as large as in 1883. The area of sorghum cane is not as large as in 1883, and there will not be more than three-fourths of an average yield per acre. Oats are above an average in condition. Rye will hardly make three-fourths of an average yield per acre. The area of tobacco is some larger than last season. Meadows are in fine condition, but pastures are rather short and show the want of rain—the area of meadows and pastures is some larger than in 1883. Irish and sweet potatoes are nearly up to an average in condition—the area of Irish potatoes is not quite as large as last season—more sweet potatoes planted than in 1883. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average for a term of years, is as follows: Apples, bloom 60, condition 58; pears, bloom 62, condition 50; plums, bloom 87, condition 75; cherries, bloom 67, condition 50; grapes, bloom and condition 75; strawberries, bloom and condition 83; raspberries, bloom and condition 50; blackberries, bloom 28, condition 58; gooseberries, bloom 80, condition 87; currants, bloom 62, condition 77. The number of births of farm animals this spring as compared with last spring and the condition June 1, as compared with an average for corresponding date in previous years are given by percentage, and are as follows: Pigs, number 98, condition 100; lambs, number 92, condition 100; colts, number 75, condition 93; calves, number and condition 100.

**WHITE**—The ground has been too dry for corn to grow to advantage, which, with bad seed has resulted in a poor stand—the area is as large as last season but from present prospects there will not be over three-fourths of an average yield per acre.

The area of sorghum cane and broom-corn is as large as in 1883—there will be three-fourths of an average yield per acre. There are some good fields of wheat on clover sod, but the crop for the county will not make much over three-fourths of an average yield per acre. Oats and rye will make something over three-fourths of an average yield per acre. Meadows and pastures are not up to an average in condition owing to the want of rain—the area is nearly as large as last season. Irish and sweet potatoes are nearly up to an average in condition—the area of potatoes is not as large as in 1883. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average for a term of years, is as follows: Apples, bloom 106, condition 90; pears, bloom 92, condition 40; plums, bloom 107, condition 40; cherries, bloom 41, condition 34; grapes, bloom 95, condition 86; strawberries, bloom 103, condition 102; raspberries, bloom 95, condition 89; blackberries, bloom and condition 34; gooseberries, bloom 86, condition 82; currants, bloom 87, condition 75. The number of births of farm animals this spring as compared with last spring and the condition June 1, as compared with an average for corresponding date in previous years, are given by percentage, and are as follows: Pigs, number 80, condition 97; lambs, number 90, condition 87; colts, number 83, condition 92; calves, number and condition 101.

**WHITESIDE**—The prospects are not encouraging for more than three-fourths of an average yield per acre of corn; the stand is uneven, owing to the poor quality of seed corn; the severe frosts on the 29th of May injured the corn quite seriously in localities; the area of corn is as large as in 1883. The area of sorghum cane is as large as last season. Winter wheat will not make over half an average yield per acre. Spring wheat and oats are up to an average in condition. Barley looks well and the area is as large as last season. The area of meadows is as large as last season; the prospects are good for more than an average yield of hay per acre; area of pastures the same as in 1883. Irish and sweet potatoes are not up to an average in condition; the area of Irish potatoes is less than last season. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average for a term of years, is as follows: Apples, bloom 80, condition 75; pears, bloom 25, condition 20; plums, bloom 50, condition 40; cherries, bloom 110, condition 100; grapes, bloom 60, condition 60; strawberries, bloom, 100, condition 75; raspberries, bloom and condition, 100; gooseberries, bloom and condition, 110; currants, bloom and condition, 110. The number of births of farm animals this spring as compared with last spring, and the condition June 1, as compared with an average for corresponding dates in previous years, are given by percentage and are as follows: Pigs, colts and calves, number and condition 105; lambs, number and condition 90.

**WILL**—The area of corn is not as large as last season; the prospects are not encouraging for an average yield per acre. The severe frost the last of May injured the early corn. Oats are nearly up to an average in condition. Rye will make more than an average yield per acre. Flax looks well and the area is as large as last season. Meadows are in good condition; area nearly as large as last season. Pastures are not quite up to an average in condition;

area some less than last season. There will be nearly an average yield per acre of Irish potatoes; area not as large as last season. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average for a term of years, is as follows: Apples, bloom 100, condition 80; pears, bloom and condition 100; plums, bloom, 125, condition 100; grapes, bloom 80, condition 72; cherries, bloom, 98, condition 87; strawberries, and blackberries, bloom and condition, 100; raspberries, bloom and condition, 110. The number of births of farm animals this spring as compared with last spring, and the condition June 1, as compared with an average for corresponding dates in previous years, are given by percent., and are as follows: Pigs, number 95, condition 100; lambs, colts and calves, number and condition, 100.

**WILLIAMSON**—The area of corn is some larger than last season; the stand is not good, owing largely to the excessive rains; the condition of corn does not give encouragement for much over three-fourths of an average yield per acre. Sorghum cane and broom corn are in about the same condition as corn; the area of sorghum cane is not quite as large as last season. Winter wheat has improved during the past three weeks and from present prospects there will be nearly two-thirds of an average yield per acre; there is an unusually large amount of chess in the wheat. Oats are above an average in condition. Rye looks well. Cotton is up to an average in condition and the area is as large as last season. Tobacco promises more than an average yield per acre and the area is larger than in 1883. Meadows and pastures have seldom been in better condition the first of June; the area of meadows is some larger than last season. Irish potatoes are above an average in condition; area of Irish and sweet potatoes is as large as in 1883; sweet potatoes look well. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average for a term of years, is as follows: Apples, bloom 80, condition 83; pears, bloom 87, condition 83; plums, bloom 87, condition 68; cherries, bloom 93, condition 62; grapes and strawberries, bloom and condition 100; raspberries, bloom and condition 69; blackberries, bloom 36, condition 75; gooseberries, bloom and condition 84; currants, bloom 87, condition 103. The number of births of farm animals this spring, as compared with last spring, and the condition June 1, as compared with an average for corresponding dates in previous years, are given by percent. and are as follows: Pigs, number 103, condition 86; lambs, number 96, condition 102; colts, number 102, condition 100; calves, number and condition 100.

**WINNEBAGO**—Corn is nearly up to an average in condition; the area is not quite as large as last season; corn was injured somewhat by the severe frosts the last of May. The area of sorghum cane is some larger than last season; the condition is nearly up to an average. Spring wheat looks well and winter wheat and rye will make nearly an average yield per acre. Oats are above an average in condition. The area of barley is as large as last season, and the condition is above an average. Tobacco is making satisfactory growth; the area is as large as in 1883. The area of meadows and pastures is as large as last season; the condition of grass is above an average. There will be more than three-fourths of an average yield per acre of Irish potatoes; the area of this crop is not as large as last



year. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average for a term of years, is as follows: Apples, bloom 105, condition 63; pears, bloom 125, condition 60; plums, bloom 110, condition 43; cherries, bloom 108, condition 50; grapes, bloom 100, condition 42; strawberries, bloom 100, condition 93; raspberries, bloom 100, condition 92; blackberries, bloom 100, condition 93; gooseberries, bloom 115, condition 107; currants, bloom 117, condition 115. The number of births of farm animals this spring, as compared with last spring, and the condition June 1, as compared with an average for corresponding dates in previous years, are given by percentage, and are as follows: Pigs, number 75, condition 100; lambs, number 97, condition 103; colts, number 95, condition 93; calves, number 103, condition 108.

WOODFORD—Unusual care was taken to select good seed corn, and there has been less replanting than usual; the condition of corn is much above an average; the area is as large as last season. Broom corn and sorghum are up to an average in condition, and the area is as large as last season. Spring wheat is above an average in condition; winter wheat is nearly up to an average in condition. Oats and rye are above

an average in condition. Barley looks well; the area is some larger than last season. Meadows are not up to an average in condition, and the area is less than in 1883. Pastures are up to an average in condition; area less than last season. Irish potatoes are above an average in condition, and the area is larger than in 1883; sweet potatoes are nearly up to an average in condition; area same as in 1883. The percentage of bloom this spring and the condition of fruit June 1, as compared with an average for a term of years, is as follows: Apples, bloom 120, condition 103; pears, bloom 87, condition 75; plums, bloom 105, condition 90; cherries, bloom 117, condition 112; grapes, bloom and condition 98; strawberries, bloom and condition 103; raspberries, bloom 110, condition 105; blackberries, bloom 95; condition 62; gooseberries, bloom 102, condition 107; currants, bloom and condition 120. The number of births of farm animals this spring, as compared with last spring, and the condition June 1 as compared with an average for corresponding dates in previous years, are given by percentage, and are as follows: Pigs, number 92, condition 97; lambs, number and condition 100; colts, number 102, condition 103; calves, number 92, condition 100.



CIRCULAR NO. 114.

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# ILLINOIS CROP PROSPECTS.

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Consolidation of Reports returned to the Department of Agriculture  
July 1, 1884.

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## SEASON.

The weather for the month of June was favorable during the rapid growth and proper cultivation of crops.

The rainfall the past month was a fraction less than the June average for the past seven years, and the temperature of June, 1884, was higher than the mean temperature of the corresponding months during the past seven years.

The rainfall was quite evenly distributed during the month of June, and all portions of the State were visited by frequent rains.

The mean temperature for the past seven Junes in the three divisions of the State, is given in the following table:

Division.	1878	1879	1880	1881	1882	1883	1884
Northern.....	67.00	65.00	70.00	66.01	68.22	67.27	68.80
Central.....	68.00	70.00	73.00	71.40	71.23	69.10	71.11
Southern.....	72.00	73.00	73.00	74.50	74.37	72.66	73.35
Average.....	69.00	69.33	72.00	70.66	71.27	69.67	71.08

The mean temperature was higher in June, 1880, and 1882, and lower in June, 1878, 1879, 1881 and 1883, than during the month of June, 1884.

The following table gives the average rainfall at stations in the three divisions of the State during the last seven Junes:

Division.	1878	1879	1880	1881	1882	1883	1884
Northern.....	3.41	3.93	5.32	7.86	7.55	4.67	3.83
Central.....	3.69	2.80	2.64	7.35	10.08	5.98	5.60
Southern.....	2.29	4.59	3.63	4.58	5.76	6.91	5.71
Average.....	3.13	3.77	3.86	6.59	7.78	5.85	5.04

The average monthly rainfall was larger in June, 1881, 1882 and 1883, and smaller in June, 1878, 1879 and 1880, than during the month of June, 1884.

## TEMPERATURE.

The mean temperature of the State the first two months of the cropping season during the past seven years, is given in the following table:

### MEAN TEMPERATURE, MAY AND JUNE.

Division.	1878	1879	1880	1881	1882	1883	1884
Northern.....	62°	62°	67°	65°95	61°67	61°38	64°47
Central.....	63°	68°	71°	70°65	64°32	64°42	66°01
Southern.....	68°	67°	72°	73°15	67°93	68°23	68°84
Mean.....	64°25	65°66	76°00	69°92	64°64	64°66	66°34

It will be seen in the foregoing table that the mean temperature of May and June, 1884, was warmer than the corresponding period of 1878, 1879, 1882 and 1883, and colder than during the same months of 1880 and 1881.

The largest crop of corn ever produced in the State was grown in 1879, when the mean temperature of May and June was 65°66, and the average monthly rainfall was 3.11 inches.

The largest crop of wheat ever produced in the State was grown in 1880, when the mean temperature six months prior to harvest was higher than during corresponding periods the past seven years.

### NORTHERN DIVISION.

The mean temperature for the past seven years, in the three divisions of the State, for the months of January, February, March, April May and June, is given in the following tables:

Month	Mean temperature.						
	1878.	1879.	1880.	1881.	1882.	1883.	1884.
January.....	27.00	14.00	35.00	26.70	24.42	10.65	12.92
February.....	33.00	20.00	30.00	19.10	35.84	18.71	23.99
March.....	45.00	35.00	33.00	28.80	37.80	30.39	32.72
April.....	53.00	46.00	49.00	40.80	48.55	48.13	46.87
May.....	57.00	59.00	65.00	65.80	55.13	55.52	59.55
June.....	67.00	65.00	70.00	66.10	68.22	67.27	68.80
Mean.....	47.00	39.83	47.00	41.22	44.99	38.44	40.81

The mean temperature for the first six months of 1884 in the Northern Division, was higher than for the corresponding months of 1879 and 1883, and lower than for the same months in 1878, 1880, 1881 and 1882.

## CENTRAL DIVISION.

Month.	Mean temperature.						
	1878.	1879.	1880.	1881.	1882.	1883.	1884.
January .....	29.00	18.00	41.00	16.00	28.68	18.73	18.87
February .....	37.00	27.00	35.00	24.10	39.00	27.08	29.75
March .....	48.00	40.00	39.00	33.00	42.94	36.52	36.98
April .....	58.00	51.00	52.00	45.20	53.44	53.18	57.04
May .....	58.00	66.00	69.00	69.90	57.41	59.74	60.91
June .....	68.00	70.00	73.00	71.40	71.23	69.10	71.11
Mean .....	49.67	45.33	51.50	43.27	48.78	44.07	45.78

The mean temperature for the first six months of 1884 was higher in the Central Division, than for the corresponding months of 1879, 1881 and 1883, and lower than for the same months in 1878, 1880 and 1882.

## SOUTHERN DIVISION.

Month.	Mean temperature.						
	1878.	1879.	1880.	1881.	1882.	1883.	1884.
January .....	36.00	29.00	48.00	23.60	33.81	26.38	23.48
February .....	37.00	35.00	41.00	31.30	43.67	34.52	36.75
March .....	53.00	46.00	43.00	41.30	48.76	41.08	44.98
April .....	60.00	55.00	57.00	53.30	58.55	57.40	53.31
May .....	65.00	64.00	70.00	71.80	61.49	63.81	64.34
June .....	72.00	73.00	73.00	74.50	74.57	72.65	73.35
Mean .....	53.83	50.33	55.33	49.30	53.44	49.30	49.32

The mean temperature the first six months of 1884 was higher in the Southern Division, than for the corresponding months of 1881 and 1883, and lower than for the same months in 1878, 1879, 1880 and 1882.

## RAINFALL.

There was more or less rain on every day during the past month in some portions of the State, with the exception of June 30. The largest average monthly rainfall reported for June was 9.35 inches at Petersburg, Menard county. The smallest monthly rainfall noted for June was 2.11 inches, at Chicago.

The rains were quite general over the State on June 1, 2, 3, 4, 5, 9, 19 and 24. The heaviest daily rainfall at any station during the month are as follows: 3.24 inches on June 6, at Golconda, Pope county; 2.55 inches at Morrison, Whiteside county, on June 2; 2.37 inches at Atlanta, Logan county, on June 8; 2.16 inches at Griggsville, Pike county, on June 8; and 2.15 inches at Anna, Union county, on June 4.

The table on page 4 of this report gives the distribution and amount of precipitation for June, 1884, at the several stations reporting to this Department.

The average precipitation in May and June, two of the most critical months for the growing crops, for the past seven years, is given by Divisions in the following table:



## AVERAGE RAINFALL IN INCHES, MAY AND JUNE.

Division.	1878.	1879.	1880.	1881.	1882.	1883.	1884.
Northern.....	3.87	4.04	4.88	5.21	6.27	5.50	3.60
Central.....	4.69	1.89	4.29	4.71	9.35	5.71	4.99
Southern.....	4.15	3.41	4.42	3.76	5.92	6.05	5.37
Average.....	4.24	3.11	4.53	4.56	7.18	5.75	4.65

The average monthly rainfall of May and June, 1884, exceeds that of the same months in 1878, 1879, 1880 and 1881, and is less than for the corresponding months in 1882 and 1883.

The distribution of rainfall over the State for the past seven years from January 1 to June 30, is given in each division of the State in the following tables.

## NORTHERN DIVISION.

Month.	Average Rainfall and Melted Snow at Stations.						
	1878.	1879.	1880.	1881.	1882.	1883.	1884.
January.....	0.40	0.70	3.36	1.49	1.33	1.92	1.00
February.....	1.11	1.35	2.05	4.76	1.83	4.41	2.36
March.....	2.44	1.10	2.44	3.96	3.81	0.69	3.41
April.....	3.72	2.13	4.29	1.81	4.55	3.26	2.77
May.....	4.33	4.16	4.45	2.56	5.05	6.34	3.38
June.....	3.41	3.93	5.32	7.86	7.55	4.67	3.83
Average.....	2.57	2.23	3.65	3.74	4.02	3.55	2.79

The average monthly precipitation for the first six months of 1884 was heavier in the Northern division of the State than for the corresponding months of 1878 and 1879, and less than for the same months in 1880, 1881, 1882 and 1883.

## CENTRAL DIVISION.

Month.	Average Rainfall and Melted Snow at Stations.						
	1878.	1879.	1880.	1881.	1882.	1883.	1884.
January.....	0.91	0.79	2.82	0.90	1.84	1.38	0.82
February.....	2.77	0.78	2.82	4.90	5.49	6.53	3.92
March.....	3.72	1.70	2.50	4.72	5.15	1.25	2.64
April.....	3.63	1.99	4.29	1.89	4.14	4.66	2.33
May.....	5.69	0.98	5.94	2.07	8.63	5.45	4.39
June.....	3.69	2.80	2.64	7.35	10.08	5.98	5.60
Average.....	3.40	1.51	3.50	3.64	5.89	4.21	3.28

The average monthly precipitation for the first six months of 1884 was heavier in the Central division of the State than for the corresponding months of 1879, and less than for the same months in 1878, 1880, 1881, 1882 and 1883.

## SOUTHERN DIVISION.

Month.	Average Rainfall and Melted Snow at Stations.						
	1878.	1879.	1880.	1881.	1882.	1883.	1884.
January .....	3.08	3.30	3.80	1.56	4.55	2.05	1.77
February .....	2.75	2.66	3.31	4.33	7.61	8.23	5.78
March .....	2.00	2.10	3.88	2.58	4.66	2.85	3.47
April .....	5.20	2.41	3.22	4.11	2.84	4.59	3.57
May .....	6.01	2.24	5.21	2.95	6.09	5.19	5.04
June .....	2.29	4.59	3.63	4.58	5.77	6.91	5.71
Average .....	3.55	2.88	3.84	3.35	5.25	4.97	4.22

The average monthly precipitation for the first six months of 1884 was heavier in the Southern division of the State than for the corresponding months of 1878, 1879, 1880, 1881, and less than for the same months in 1882 and 1883.

## CORN.

There has been an improvement in the condition of corn during the past month in all portions of the State, and with the exception of a few Southern counties the corn prospects for the State the first of July have not been more promising for a large crop of corn at any corresponding date since 1880. The temperature during the past month has been warmer than the June average, and the rainfall for the same month was a fraction less than the average June rainfall during the past seven years.

The conditions have been very favorable for corn during the past thirty days, and corn has largely recovered from the effects of the cold, backward spring. The stand of corn is above an average and the crop has generally been well cultivated. Corn on drained land in all portions of the State has made a luxuriant growth and has probably never been more promising in condition than this season. The comparative condition of corn in the three divisions of the State the first of July is given by counties in the table on page 15 of this report.

It will be seen that the condition of corn in the Northern Division of the State gives encouragement for an average yield per acre. The condition of corn in the northern counties the first of the month promised twenty per cent. larger yield per acre than last season at corresponding date, and thirty six per cent. larger yield than in July 1882. Nearly one-half of the corn crop of the State is usually grown in the Northern division of the State, and the area of corn in this portion of the State is two per cent. less than in 1883. In the following Northern counties, the area of corn this season is some larger than in 1883, viz: Iroquois, Knox, Mercer, Peoria, Putnam and Warren. The prospects are favorable for more than an average yield of corn per acre in the following Northern counties where the condition the first of the month was as noted: Bureau and McHenry, 101 per cent; Carroll, Henderson and Lee, 104; DeKalb, 106; Grundy, 107; Iroquois and Putnam, 105; Knox, 108; Marshall, 109; Stark, 103; Winnebago, 113; Woodford, 112.

In the central division in which is found what is generally known as the Corn Belt of the State, the prospects are encouraging for nearly an average yield per acre of corn. The rapid improvement in the condition of corn in this section of the State at the time and since the late reports were made will with favorable conditions ensure an average yield per acre in the central division of the State. In all except the following counties in the central division of the State the prospects are encouraging for an average or better, yield per acre of corn, viz: Calhoun, Clark, Coles, Douglas, Jersey, Macoupin and Montgomery. There is an increase in the area of corn as compared with 1883, in the following counties in the central division of the State as noted: Adams, Piatt and Schuyler, 102 per cent.; Christian, Edgar and Tazewell, 103; Greene, Hancock and Mason, 105; Logan Macoupin, Morgan, Moultrie and Sangamon, 101,

The condition of corn in the Southern Division of the State gives encouragement for about 85 per cent. of an average yield per acre. Corn has made but little improvement in condition during the past month in the counties in the southern division of the State. The indications the first of the month were favorable for an average yield per acre of corn in only three southern counties, viz: Edwards, Franklin and Washington. In only two southern counties is the condition such as to indicate less than three-fourths of an average yield per acre, viz: Hardin and Jasper.

There are twenty-six counties in all portions of the State in which there will be an average yield per acre, five per cent. more than an average yield per acre in ten counties; ten per cent. more than an average yield per acre in six counties; and seventeen per cent. more than an average yield per acre in one county; five per cent. less than an average yield per acre in twenty-one counties; ten per cent. less in twelve counties; fifteen per cent. less in eight counties, and twenty or more per cent. less than an average yield in eighteen counties.

### BROOM CORN.

The condition of this crop in each of the fifty-five counties in which the crop is being cultivated this season is given on pages 24-25 of this report.

The prospects are encouraging for more than an average yield per acre in two counties, and an average yield per acre in sixteen counties. The condition of broom corn is five per cent. below an average in five counties, ten per cent. below in eight counties, fifteen per cent. below in seven counties, twenty per cent. below in ten counties, and from twenty-five to fifty per cent. below in six counties.

The condition of broom corn in the ten counties in which the crop receives the most attention is as follows: Douglas, 72 per cent.; Coles, 85; Henry, 82; Knox, 100; Champaign, 100; Edgar, 50; Mercer, 80; Moultrie, 83; Piatt, 95.

### SORGHUM CANE.

This crop is receiving more or less attention in all the counties in the State except eight. The prospects are encouraging for an average yield per acre in thirty-two counties, and more than an average yield per acre in four counties. The condition is five per cent. below an average in twelve counties, ten per cent. below in twenty counties, fifteen per cent. below in nine counties, and twenty per cent. below in six counties. In eleven counties there will be from 65 to 75 per cent. of an average yield per acre. In the following counties this crop is receiving more general attention than elsewhere in the State, and the condition of the crop the first of the month was as follows: Wayne, 89; Champaign, 97; Vermilion, 100; Saline, 100; Adams, 75; Greene, 100; Johnson, 83; Menard, 87; Mercer, 97; White, 72. The foregoing counties rank in extent of the amount of the sorghum produced last season in the order named.

### WINTER WHEAT.

It will be seen in the table on page 16 of this report, that the prospects are more encouraging for winter wheat throughout the State than indicated by the June returns. The quality of wheat is much better than expected. There are some complaints of scab and blight in certain localities, but generally the wheat has not been damaged by insects or otherwise since June 1. The returns indicate nearly an average yield per acre of winter wheat in the Northern Division of the State, over three-fourths of an average yield per acre in the central counties, and nearly three-fourths of an average yield per acre in the Southern Division. There has been a slight change for the better, during the past month, in the condition of wheat in the central counties, and the July returns indicate six per cent. larger yield per acre of winter wheat than predicted in the June report. The returns for May, June and July gave encouragement for about 94 per cent. of an average



yield per acre. The returns for April indicated about 90 per cent. of an average yield per acre of winter wheat. It will be seen that there has been but little improvement in the condition of winter wheat since the first reports of the season.

The condition of winter wheat the first of the month gave encouragement for seven per cent. larger yield per acre than indicated in the returns of July, 1883. The prospects are encouraging for an average or better yield per acre of winter wheat in the following counties, as noted: DeKalb and Woodford, 102 per cent.; JoDaviess, 103; Grundy, Kankakee, Kendall and Mercer, 100; Marshall, 112; McHenry, 107; Ogle, 104 per cent. of an average yield per acre.

In only the following counties in the central part of the State are prospects encouraging for an average yield per acre of winter wheat, viz: Cass, Hancock and McDonough.

The most discouraging reports concerning the prospective yield of winter wheat in the central division of the State come from the following counties, viz: Clark, Pike, Montgomery and Macon.

The July reports indicate that there will be fifteen per cent. larger yield per acre of wheat this season than the returns of July, 1883.

The winter wheat harvest in the southern division of the State is well advanced and the general report is to the effect that there will be a larger average yield per acre than anticipated earlier in the season. Over one million bushels of winter wheat was produced in 1882, in each of the following counties, in which the condition or yield per acre this season will be as noted: Adams, 63 per cent. of an average yield per acre; Clinton, 75 per cent.; Edgar, 69; Greene, 60; Jefferson, 39; Madison, 52; Monroe, 100; Montgomery, 47; Pike, 46; Randolph, 76; St. Clair, 72; Vermilion, 65, and Washington, 75.

The condition of winter wheat the first of the month gave encouragement for an average yield per acre in sixteen counties—five per cent. more than an average in seven counties, and ten per cent. more than an average in one county. In eight counties there will be five per cent. less than an average yield per acre—ten per cent. less in eight counties—fifteen per cent. less in nine counties—twenty per cent. less in twelve counties, and from twenty-five to fifty per cent. less in twenty-eight counties, and less than half an average yield per acre in ten counties.

## RYE.

The late crop of winter rye of the State of 4,695,418 bushels was valued at \$2,244,646. The condition of winter rye the first of the month indicated an average yield per acre in twenty-six counties, and more than an average yield per acre in six counties. There will be five per cent. less than an average yield per acre in fourteen counties—ten per cent. less in twenty counties—fifteen per cent. less in four counties—twenty per cent. less in five counties—twenty-five per cent. less in nine counties, and from thirty to forty-five per cent. less in six counties. In 1882 there was over 200,000 bushels of rye produced in the following counties, in which the condition of rye this season is as noted: Stephenson, 99 per cent. of an average; Fulton, 91; McLean, 92; Knox, 100; Whiteside, 90; Henry, 81; Mercer, 85. The counties are arranged according to the extent of rye produced in 1882, in which year a fair average crop was produced.

## SPRING WHEAT.

There was but little over half a million bushels (615,190) of spring wheat produced in the State last season. The crop is reported in only thirty-five counties, and in twenty of these counties there will be an average or better yield per acre. In five counties there will be five per cent. less than an average yield per acre—six counties ten per cent. less—two counties fifteen per cent. less—one county twenty-five per cent. less, and in one county seventy per cent. less. The condition of spring wheat in the counties where this crop is receiving attention is given on page 17 of this report.

## BARLEY.

The condition of this crop is reported in twenty-six counties. The present prospects indicate that there will be an average yield per acre in sixteen counties, and more than an average yield per acre in two counties—and less than an average yield per acre in eight counties.

## OATS.

In over three-fourths of the counties of the State there will be an average or better yield of oats per acre, five per cent. less than an average yield per acre in thirteen counties; ten per cent. less in eight counties; fifteen per cent. less in four counties; twenty per cent. less in one county, and twenty-five per cent. less in two counties. In 1883, there was 104,299,230 bushels of oats produced in this State valued at \$27,403,706.00. Over two millions of bushels of oats were produced in each of the following counties last season and the condition of the crop this season in these counties is as follows: Bureau, 100 per cent. of an average in condition, Champaign, 104; DeKalb, 101; Henry, 107; Iroquois, 104; LaSalle, 90; Lee, 101; Livingston, 92; McLean, 101; Ogle, 98; Will, 87; Winnebago, 97.

The table on page 18 of this report gives the condition of oats in each county in the State the first of July.

## FLAX.

The area and condition of flax is given on page 23 of this report in twenty-one counties in which the crop is being cultivated this season. The condition of this crop the first of this month gave encouragement for an average yield per acre in ten counties; five per cent. less than an average in four counties; ten per cent. less than an average in four counties; fifteen per cent. less than an average in two counties, and twenty per cent. less than an average in one county.

The condition of flax in the counties that produced the bulk of the 1883 crop is as follows: the counties are arranged in the order of the quantity of flax grown last season. In Iroquois county the condition of flax indicates 102 per cent. of an average yield per acre; in Ford, 102 per cent.; Livingston, 97; Cook, 95; Du Page, 85; Champaign, 100; Kankakee, 90; DeKalb. 95.

## TOBACCO.

The condition of this crop has materially improved during the past month, and the prospects are encouraging for an average yield per acre in twenty-four counties; ten per cent. less than an average yield per acre in four counties; fifteen per cent. below an average yield per acre in two counties, and twenty per cent. below an average in six counties. It will be seen in the table on page 24-25 of this report that tobacco is receiving so little attention in sixty-six counties in the State as to be considered not worthy of mention.

The condition of tobacco in the counties where considerable attention is given to the cultivation of this crop is as follows: In Saline there will be 100 per cent. of an average yield per acre; Williamson 100 per cent.; JoDavies 97; Stephenson 79; and Hamilton 101.

## IRISH POTATOES.

In over three-fourths of the counties of the State there will be an average or better yield per acre of Irish potatoes. In forty-six counties there will be an average yield per acre; five per cent. more than an average yield per acre in twenty-two counties; about ten per cent. more than an average in seven counties; fifteen per cent. more in one county, and twenty per cent. more in one county. In eleven counties there will be five per cent. less than an average yield per acre; in ten counties ten per cent. less; in two counties twenty per cent. less; in one county twenty-five per cent. less, and in one county forty per cent. less. The condition of Irish potatoes in counties where the 1883 crop exceeded three hundred thousand bushels is as follows: The counties are arranged according to the quantity of potatoes produced last season. In Cook county there will be 92 per cent. of an average yield per acre; Madison 100; DuPage 98; St. Clair 81; Livingston 100; LaSalle 93; Lee 101; Will 91; Iroquois 102; Morgan 102.

The condition of Irish potatoes in each county in the State is given on page 22 of this report.

## SWEET POTATOES.

This crop is receiving more or less attention in every county in the State except twelve. In forty-five counties there will be an average yield per acre, and more than an average yield per acre in six counties—five per cent. less than an average yield per acre in eighteen counties—ten per cent. less in twelve counties—fifteen per cent. less in four counties—twenty per cent. less in three counties, and twenty-five per cent. less in two counties.

The principal part of this crop is usually grown in the following counties, where the condition the first of the month was as noted: In Pulaski county there will be 80 per cent. of an average yield per acre; Union, 97 per cent.; Tazewell, 87; Adams, 87; Williamson, 100; Clark, 89.

The condition in the ninety counties in which reports on sweet potatoes are made, may be found on pages 24-25 of this report.

## MEADOWS.

The prospects have seldom been more promising for a large hay crop than this season. The condition of meadows in each county in the State is given on page 20 of this report. In thirty-two counties there will be an average yield per acre of hay—five per cent. more than an average yield per acre in twenty-three counties—about ten per cent. more than an average in fifteen counties, and over ten per cent. more than an average crop in two counties. In fifteen counties there will be five per cent. less than an average yield of hay per acre—ten per cent. less than an average in six counties—fifteen per cent. less than an average in four counties—twenty per cent. less than an average in two counties—twenty-five per cent. less than an average in one county, and thirty per cent. less in one county. Clover meadows in condition are some better than timothy, and the reports indicate an average or better yield per acre in seventy-three counties. Timothy meadows will make an average or better yield per acre in seventy counties.

## PASTURES.

The condition of pastures generally throughout the State is excellent and the few counties in which grass has not made a luxuriant growth this season are the exception.

It will be seen in the table on page 21 of this report that grass is up to an average in condition in forty-one counties—five per cent. above an average in twenty-five counties—about ten per cent. above an average in seventeen counties, and fifteen per cent. above an average in two counties.

## HUNGARIAN AND MILLET.

Hungarian and millet are grown to some extent in nearly every county in the State. The area is about the same as last season, as may be seen in the table on pages 26 and 27 of this report. In thirty-three counties the area is the same as last season; in nine counties five per cent. more; in five counties ten per cent. more; in one county 50 per cent. more; in twenty-seven counties there will be from 75 to 95 per cent of the area of 1883, and in ten counties over one-fourth less area than last season.

## FIELD BEANS.

This crop is receiving increased attention in many parts of the State. The area is the same as last season in forty-four counties; five per cent. larger in eight counties; ten per cent. larger in two counties; fifteen per cent. larger in four counties; twenty per cent. larger in one county, and thirty per cent. larger in one county. In sixteen counties the area is from five to twenty per cent. less than last season.



The prospects are encouraging for an average yield per acre of beans in forty-three counties; five per cent more than an average in three counties; ten per cent more than an average in one county, and fifteen per cent more than an average in one county, and in the remaining thirty-one counties there will be from five to twenty-five per cent. less than an average yield per acre.

## FIELD PEAS.

Peas are grown to a very limited extent as a field crop, and in only thirty-one counties is the crop reported. The condition of this crop the first of the month gave encouragement for an average yield per acre in twenty-two counties, and five per cent. above an average in two counties; in five counties there will be from ten to twenty per cent. less than an average yield per acre, and in two counties less than three-fourths of an average yield per acre.

## WOOL.

The 1884 wool clip is less than that of the previous year. In thirty-four counties the wool clip is as large as that of the previous year; in twenty-one counties the wool clip is five per cent. less than last season; in twenty counties ten per cent. less; in five counties fifteen per cent. less; in three counties twenty per cent. less; in two counties twenty-five per cent. less, and in one county thirty per cent. less.

In the following counties, where the greatest amount of wool was produced last season, this season's clip, compared with that of the previous year, is as follows: In Lake county, 90 per cent. of the 1883 clip was shorn this season; McHenry, 86; McLean, 93; Fulton, 92; Vermilion, 92; Knox, 101; LaSalle, 96; Champaign, 87; Montgomery, 96.

The number of pounds of wool shorn in the State in 1883 was 4,447,808 pounds, valued at \$1,099,822.00.

## ORCHARDS.

The area of apple orchards is less than that of the previous season, and the reduction is so large as to be worthy of special attention. The area of orchards is from five to thirty per cent. less than that of the previous year in over half the counties in the State. The comparative area of apple orchards is given in each county in the State on pages 26 and 27 of this report. It will be seen that the area is as large as that of the previous year in twenty-nine counties, five per cent larger in thirteen counties, ten per cent. larger in two counties, and twenty per cent. larger in one county. In the remaining fifty-four counties the area is less than in 1883.

The area of peach orchards is the same as last season in thirty-two counties, five per cent more in two counties, and ten per cent. more in two counties. The area of peach orchards is not reported in twenty-five counties, and in the remaining forty-one counties the area is less than last season.

The table on pages 26 and 27 of this report gives the area of peach orchards in the several counties from which reports are received.

There is a considerable reduction in the area of pear orchards when compared with that of the previous year. In forty-six counties the area of pear orchards is as large as that of last season, and in two counties the area is less than that of 1883. In forty-two counties the area is less than last season, and the area of pear orchards is not reported in twelve counties.

The area of vineyards is the same as last season in sixty-six counties, and some larger than in 1883 in eleven counties. In nineteen counties the area is less than last season, and the area of vineyards is not given in six counties.

The table on pages 26-27 of this report gives the condition of vineyards in the counties in the State. It will be seen that the prospects are favorable for an average crop of grapes in fifteen counties, and more than an average crop in five counties. In ten counties there

will be five per cent. less than an average crop; in eleven counties ten per cent. less; in nine counties fifteen per cent. less; in eleven counties twenty per cent. less; in sixteen counties twenty-five per cent. less, and in the remaining counties less than three-fourths of an average yield per acre.

## SMALL FRUITS.

The crop of the several varieties of small fruits that have ripened this season compares favorably with that of former years. There was an average or better crop of cherries in thirty-six counties, from 75 to 95 per cent. of an average crop in twenty-two counties, and less than three-fourths of an average yield per acre in the remaining counties.

There was an average crop of strawberries in twenty-five counties; five per cent. more than an average crop in sixteen counties; ten per cent. more than an average crop in seven counties, and twenty per cent. more than an average crop in one county. In fourteen counties there was five per cent. less than an average crop; in fourteen counties ten per cent. less; in five counties fifteen per cent. less; in three counties twenty per cent. less, and in five counties twenty-five per cent. less. In the remaining nine counties there was less than three-fourths of an average yield per acre.

In nearly two-thirds of the counties in the State there was an average or better crop of raspberries; five per cent. less than an average in eight counties; ten per cent. less in fourteen counties; fifteen per cent. less in five counties; twenty per cent. less in three counties; twenty-five per cent. less in four counties, and less than three-fourths of an average crop in three counties.

In all except one-third of the counties in the State there was an average or better crop of gooseberries. In thirty-seven counties there was an average crop; in twelve counties five per cent. more than an average crop; in four counties four per cent. more, and in one county fifteen per cent. more.

There was an average or better crop of currants in over half the counties in the State, and nearly an average crop in one-fourth of the counties in the State.

## AGRICULTURAL STATISTICS.

The great value of the crop statistics of this department mainly consists in their early and prompt appearance during the growing season, and immediately after harvest, when the information as to condition and yield is most needed to enable the producer and legitimate dealer to decide as to the supply and value of the crop.

The last official acreage of crops, as reported by assessors, is used as a basis for applying the estimates of crop correspondents as to the area and yield of the growing crops. It is not to be expected that the estimates of correspondents will more than closely approximate the assessed return reported the following year.

The estimates of correspondents, with few exceptions, have been below the returns of assessors made the succeeding year, and during the last six years the reports, when compared with the assessment, have confirmed the superior judgment and careful observations made by correspondents, who are farmers of experience and standing, and largely interested in the accuracy of the returns, and, as a rule, are inclined to the side of conservatism.

## BASIS FOR ESTIMATING ACREAGE, CONDITION, ETC.

It will be observed that the number 100 is used to represent the acreage of the crop of 1883, with which the acreage of the present crop is compared; also a fair average yield and a fair average vitality of growth, unaffected by storms, insects and contingencies; an increase of one-tenth, or ten per cent, is recorded 110; a decrease of five per cent. is marked 95, etc.

Respectfully submitted,

S. D. FISHER,

Secretary.

## THE MAPLE TREE BARK-LOUSE.

(*Pulvinaria innumerabilis*, Rathoon.)

## ILLINOIS STATE LABORATORY OF NATURAL HISTORY.

OFFICE OF STATE ENTOMOLOGIST, NORMAL, July 18, 1884.

Since the years 1879 and 1880, when this insect was most abundant and destructive in Illinois, little injury has been done by it to the soft maples until the present season, when it reappeared in great numbers, and during the past two months its injuries have been a frequent subject of complaint by correspondents of this office. Thus far the damage done by the millions of young lice, which, for more than a month, have been sucking the sap from the leaves, has not been as apparent as it would otherwise be, owing to an unusually heavy growth of leaves, induced by the prevailing damp weather. The damage must, however, be very great, though the full effect on the trees will probably not be visible before fall or next spring. Unfortunately, the probabilities are that the damage will be still greater in 1885, since the predaceous and parasitic insects which destroyed the hosts of this bark-louse in 1879 and 1880, have not yet appeared in sufficiently great numbers to check its increase. These predaceous species will doubtless again come to our aid, and through their agency we shall probably see the bark-lice greatly reduced in numbers at the close of 1885, but, in the meantime, many valuable trees may be killed or sadly crippled. It is, therefore, with the purpose of aiding those who may suffer from nature's slowness that a brief summary of the life history of this pest, and some of the best methods of destroying it, are here presented.

In the spring of the year, the young leaves of maple trees are often noticed to be coated above with a viscid, sweet material, commonly known as honey dew. This substance is the excrement of the female bark-louse, which a search will invariably reveal upon the twigs engaged in sucking the sap. At this period, the female seems to be nothing more than an elliptical, convex scale attached closely to the twig. The legs and *antennae*, so conspicuous in most other insects, are here minute and lie concealed beneath the shell. Though able to move, she does not often do so, lying most of the time with the beak inserted in the wood. During the first half of May, the shell gradually becomes wider and flatter, while from the sides and posterior part issues a white, silk-like material, which, by the middle of May, has accumulated so as to lift the posterior part of the shell from the twig. (See Fig. 1.) This material is very conspicuous at this time, and oftener attracts attention than do the insects themselves. It forms a nidus for the protection of the eggs which are deposited within it.

The eggs are small, elliptical, whitish bodies which look to the naked eye like particles of dust. They are deposited during the latter half of May and the fore part of June, sometimes as many as 2,000 eggs being produced by a single female.

The young bark-lice begin to hatch about the middle of June, and continue to emerge until the middle of July. Towards the last of June the young and eggs may be found in about equal numbers among the fibers of the nidus beneath the mother. Soon after hatching they make their way to the under side of the leaves, where they insert their beaks and at once begin to suck the sap. At this period they are very small, whitish, flat scales which lie close to the leaves along the ribs and veins of the leaves. In this position they are easily overlooked by the unpracticed eye, even where they occur in abundance. They remain on the leaves during the remainder of the season, sometimes changing their position, but generally remaining motionless. The size increases rapidly, but for a considerable period there are no observable differences between the males and females.



In the latter part of July the scales which are to produce males become more elongate and convex than the others, and from them the males appear in August. They are surprisingly unlike the females, which never possess wings and differ little except in size from the young as it comes from the egg. The male (Fig. 2), on the contrary, is slender and graceful in form and has well developed antennæ, legs and a pair of wings. This sex does not eat, but after uniting with the female dies, and no more males appear until August of the following year.

After copulation, the females remain on the leaves until the latter are about ready to fall, when they betake themselves to the twigs, inserting their beaks as before, and continue to withdraw sap as long as it flows. (Fig. 3 represents the female at this period). They then become dormant and remain so during the winter. They awake as soon as the sap begins to flow again the next spring, and soon begin to deposit their eggs for a renewal of the species.

It is evident that the only insect poisons which promise relief from this pest are such as may be sprayed on the trees in the form of a fluid. Of those which have been found useful for this purpose, ordinary kerosene, *in the form of an emulsion*, mixed with water, must stand first. The emulsion consists of equal parts of sour milk, or very strong soap-suds, and kerosene, churned together until they form a thick, white cream or soft butter. This kerosene butter can be diluted to any extent with water so that it can be freely used without damage to the foliage. The churning can be done very expeditiously by drawing the two materials from same vessel through a force-pump and forcing it back into the same vessel again. In five minutes several gallons of the emulsion can be thus prepared. 18 parts of water to one of this emulsion will give a 5 % solution of kerosene, which will be sufficiently strong to kill the young lice.

A solution of soap has been very highly recommended for scale insects, and would prove useful where there were no facilities for preparing the kerosene emulsion. Whale oil soap should be used where obtainable.

These two insecticides may be combined, soap-suds being used instead of water for diluting the emulsion, and this preparation will probably prove more useful than either of the above used separately.

The best means of applying the preparations is with a hand force-pump with a fine spray nozzle, or for large trees, the ordinary tubular nozzle is better as the fluid can be thrown to a greater height with it. Babcock's fire extinguisher has been successfully used for this purpose.

The waxy covering of the shells of adults and the manner in which they attach themselves to the twigs, leaving no vulnerable part exposed, makes it difficult to rid trees of them in early spring. But later, when the silk-like material has lifted the body, they can be better reached with the preparations mentioned. But it is a mistake to suppose that further damage is averted by washing the females and their masses of silk from the twigs at any time during the summer. This desirable result could only follow where such precautions were taken before the eggs were hatched, i. e. before the middle of June. When the young lice once reach the leaves it is useless to direct remedial measures against the adults for they are then dead, and indeed probably do little harm after they begin to deposit their eggs. After the middle of June, therefore, all applications should be made with a view to destroying the young, and to reach them, must be thrown on the under side of the leaves.

H. GARMAN,  
*Assistant State Entomologist.*

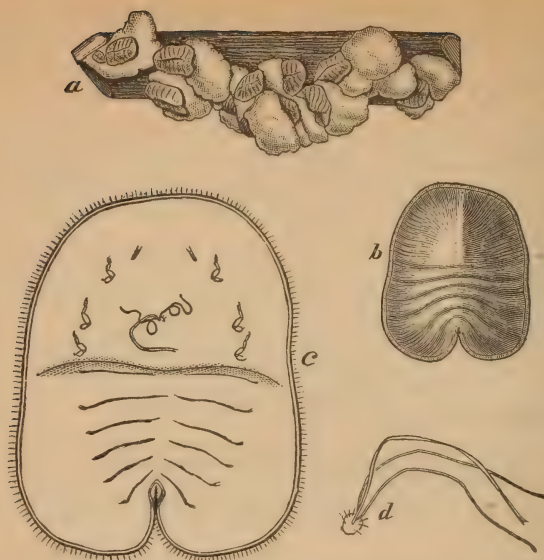


Fig. 1. The female maple bark-louse as seen in the p , the twigs after the nests have been formed; *b*, dorsal view greatly enlarged; *c*, ventral view greatly enlarged.



Fig. 2. The adult male maple bark-louse.

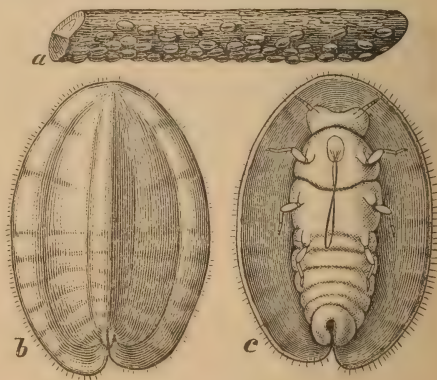


Fig. 3. The adult female maple bark-louse as seen in the fall.

*a*, as established on a twig; *b*, dorsal view greatly enlarged; *c*, ventral view greatly enlarged.

## CONDITION CORN CROP, JULY 1, 1884, ETC.

NORTHERN DIVISION.					CENTRAL DIVISION.					SOUTHERN DIVISION.				
Counties.					Counties.					Counties.				
Acreage 1884, compared with 1883....	Av. condition June 1, 1884..	Av. condition July 1, 1884..	Av. condition July 1, 1883..	Av. condition July 1, 1882..	Acreage 1884, compared with 1883....	Av. condition June 1, 1884..	Av. condition July 1, 1884..	Av. condition July 1, 1883..	Av. condition July 1, 1882..	Acreage 1884, compared with 1883....	Av. condition June 1, 1884..	Av. condition July 1, 1884..	Av. condition July 1, 1883..	Av. condition July 1, 1882..
Boone.....	96	95	96	76	Adams.....	102	97	96	66	Alexander.....	105	85	85	100
Bureau.....	98	94	101	50	Brown.....	70	79	95	55	Bond.....	104	86	90	93
Carroll.....	100	97	104	88	Calhoun.....	100	76	75	67	Clay.....	97	85	92	100
DeKalb.....	97	95	95	70	Cass.....	96	81	97	75	Clinton.....	110	65	71	90
DeKalb.....	91	100	106	85	Champaign.....	100	98	100	80	Crawford.....	104	76	79	101
DuPage.....	95	87	98	75	Christian.....	103	86	117	94	Edwards.....	100	82	100	75
Grundy.....	96	103	107	25	Clark.....	96	83	86	100	Franklin.....	103	88	91	58
Henderson.....	94	100	104	82	Coles.....	99	91	86	92	Fayette.....	103	92	81	96
Henry.....	90	96	92	80	Cumberland.....	97	87	90	82	Franklin.....	112	73	100	66
Iroquois.....	101	113	105	60	DeWitt.....	100	109	100	97	Gallatin.....	95	74	83	90
JoDavies.....	95	98	96	84	Douglas.....	100	75	78	80	Hamilton.....	94	80	96	82
Kane.....	100	98	93	70	Edgar.....	103	87	96	98	Hardin.....	103	95	62	100
Kankakee.....	100	100	99	73	Ford.....	96	109	99	66	Jackson.....	72	82	95	62
Kendall.....	93	99	95	64	Fulton.....	96	93	93	80	Jasper.....	90	65	70	102
Knox.....	107	103	108	86	Greene.....	105	82	97	75	Jefferson.....	112	77	80	90
Lake.....	95	96	93	73	Hancock.....	105	100	110	70	Johnson.....	87	83	79	86
LaSalle.....	99	92	93	72	Jersey.....	93	68	75	92	Lawrence.....	100	87	96	98
Lee.....	99	101	104	80	Logan.....	101	99	104	81	Madison.....	106	85	88	72
Livingston.....	95	99	97	71	Macon.....	97	83	99	93	Marion.....	92	67	92	70
Marshall.....	100	103	109	86	Macomb.....	101	72	84	69	Massac.....	95	76	81	86
McHenry.....	100	99	101	91	Mason.....	105	95	100	69	Monroe.....	92	84	90	95
Merue.....	109	98	100	90	McDonough.....	98	100	100	75	Perry.....	114	87	92	80
Ogle.....	97	97	99	74	McLean.....	99	93	91	85	Pope.....	100	70	75	96
Peoria.....	105	96	99	80	Menard.....	100	94	94	70	Pulaski.....	93	88	75	82
Putnam.....	102	96	105	92	Montgomery.....	96	78	84	92	Randolph.....	104	87	85	100
Rock Island.....	98	102	98	86	Morgan.....	101	82	92	81	Richland.....	107	81	86	90
Stark.....	97	101	103	84	Moultrie.....	101	92	91	86	Saine.....	103	85	90	95
Stephenson.....	94	96	97	68	Pike.....	102	97	98	96	St. Clair.....	87	78	77	92
Warren.....	102	106	100	91	Pike.....	100	92	94	76	Union.....	105	85	92	95
Whiteside.....	100	75	90	75	Sangamon.....	101	90	93	84	Wabash.....	95	83	88	86
Will.....	82	88	98	75	Scott.....	102	91	93	88	Washington.....	105	100	102	93
Winnebago.....	93	97	113	91	Seelye.....	96	89	95	84	Wayne.....	100	75	79	76
Woodford.....	100	115	112	80	Shelby.....	98	93	97	85	White.....	100	77	80	85
Average.....	98	98	100	64	Tazewell.....	103	102	107	75	Williamson.....	102	84	75	83
					Vermilion.....	100	100	110	106	Average.....	100	81	85	81



CONDITION WINTER WHEAT JULY 1, 1884, ETC.

NORTHERN DIVISION.			CENTRAL DIVISION.			SOUTHERN DIVISION.					
Counties.			Counties.			Counties.					
Boone.....	100	95	Adams.....	92	71	65	79	Alexander.....	96	92	98
Bureau.....	60	86	Brown.....	77	73	74	105	Bond.....	73	30	44
Carroll.....	95	107	Calhoun.....	97	95	84	68	Clay.....	29	27	22
Cook.....	80	90	Cass.....	102	102	97	111	Clinton.....	79	61	75
DeKalb.....	95	102	Champaign.....	82	60	82	79	Crawford.....	34	35	42
DuPage.....	105	100	Christian.....	95	77	58	81	Edwards.....	75	61	83
Grundv.....	120	100	Clark.....	53	50	48	38	Effingham.....	54	43	56
Henderson.....	90	93	Coles.....	74	79	72	45	Fayette.....	58	50	44
Henry.....	90	90	Cumberland.....	82	61	77	56	Franklin.....	53	75	27
Iroquois.....	40	87	De Witt.....	105	102	91	96	Gallatin.....	42	80	81
Jo Daviess.....	102	101	Douglas.....	79	82	72	63	Hamilton.....	71	82	90
Kane.....	100	95	Edgar.....	70	97	70	69	Hardin.....	47	72	64
Kankakee.....	77	83	Ford.....	75	97	65	107	Jackson.....	65	95	103
Kendall.....	90	100	Fulton.....	95	99	94	97	Jasper.....	92	35	60
Knox.....	102	103	Greene.....	100	97	80	60	Jefferson.....	33	33	32
Lake.....	103	98	Hancock.....	104	107	100	102	Johnson.....	72	73	66
LaSalle.....	85	84	Hanover.....	92	88	72	87	Lawrence.....	50	80	63
Lee.....	100	100	Hartford.....	92	102	96	94	Madison.....	87	59	52
Livingston.....	92	100	Logan.....	90	73	64	59	Marion.....	87	73	52
MacHenry.....	115	120	Macon.....	80	73	60	65	Massac.....	78	86	71
Marshall.....	100	112	Macoupin.....	91	80	60	92	Monroe.....	100	95	100
McHenry.....	100	100	Mason.....	102	102	92	101	Montgomery.....	70	69	68
Mercer.....	100	100	McDonough.....	97	106	100	105	Morgan.....	82	87	75
Mercer.....	100	97	McLean.....	84	86	89	90	Newton.....	82	87	75
Ogle.....	100	98	Menard.....	105	103	89	91	Peoria.....	97	101	100
Peoria.....	98	95	Montgomery.....	79	72	50	47	Pulaski.....	97	82	76
Putnam.....	97	90	Morgan.....	107	107	74	84	Richland.....	43	52	49
Rock Island.....	54	83	Moultrie.....	75	80	84	81	Saline.....	70	85	82
Stark.....	100	100	Newton.....	82	88	85	83	St. Clair.....	90	73	56
Stephenson.....	95	90	Pike.....	81	60	53	46	Union.....	87	85	91
Warren.....	91	100	Sangamon.....	83	100	90	80	Wabash.....	77	74	66
Whiteside.....	50	50	Schuyler.....	96	95	82	80	Washington.....	82	75	66
Will.....	95	95	Scott.....	97	83	72	73	Wayne.....	42	80	41
Winnebago.....	90	95	Shelby.....	73	83	67	107	White.....	42	80	41
Woodford.....	100	97	Tazewell.....	88	105	95	90	Williamson.....	60	56	64
Woodford.....	100	97	Vermilion.....	67	71	42	65	Williamson.....	60	56	64
Average.....	90	94	Average.....	87	86	77	78	Average.....	68	73	70

## CROP REPORT.

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CONDITION SPRING WHEAT JULY 1, 1884, ETC.

NORTHERN DIVISION.				CENTRAL DIVISION.				SOUTHERN DIVISION.			
Counties.	Acreage 1884, compared with 1883....	Average con- dition May 1, 1884.	Average con- dition July 1, 1884.	Counties.	Acreage 1884, compared with 1883....	Average con- dition May 1, 1884.	Average con- dition July 1, 1884.	Counties.	Acreage 1884, compared with 1883....	Average con- dition May 1, 1884.	Average con- dition July 1, 1884.
Boone.....	92	97	100	Adams.....	86	100	100	Alexander.....			
Bureau.....	80	90	88	Brown.....	50	100	100	Bond.....			
Carroll.....	80	100	100	Calhoun.....	100	100	100	Clay.....			
Cook.....	155	97	88	Cass.....	98	100	97	Clinton.....	90	60	100
DeKalb.....	105	100	98	Champaign.....	95	100	100	Crawford.....			
DuPage.....	100	100	90	Christian.....	90	100	90	Edwards.....			
Grundy.....	70	100	95	Clark.....	100	100	100	Efingham.....			
Henderson.....	120	100	100	Coles.....	100	100	100	Fayette.....			
Henry.....	120	100	100	Cumberland.....	100	100	103	Franklin.....			
Iroquois.....	102	100	85	De Witt.....	100	90	110	Gallatin.....			
JoDavies.....	95	100	100	Douglas.....	87	100	90	Hamilton.....			
Kane.....	95	100	82	Edgar.....	100	100	100	Hardin.....			
Kankakee.....	90	100	100	Fulton.....	105	100	100	Jackson.....			
Kendall.....	100	100	73	Greene.....	100	100	100	Jasper.....			
Knox.....	99	90	110	Hancock.....	105	100	100	Jefferson.....			
Lake.....	99	98	96	Harvey.....	90	100	100	Johnson.....			
LaSalle.....	88	95	85	Jarvis.....	70	50	50	Lawrence.....			
Lee.....	102	102	100	Logan.....	94	100	30	Madison.....			
Livingston.....	100	100	100	Macon.....	100	100	90	Marion.....	50		
Marshall.....	110	120	130	Macoupin.....	98	100	90	Massac.....			
McHenry.....	100	100	99	Mason.....	99	100	75	Monroe.....			
Mercer.....	101	100	100	McDonough.....	73	83	90	Perry.....			
Ogle.....	101	100	96	McLean.....	100	100	80	Pope.....	100		
Peoria.....	100	100	100	Menard.....	100	100	95	Pulaski.....			
Putnam.....	95	97	102	Montgomery.....	103	100	100	Randolph.....			
Rock Island.....	110	100	93	Morgan.....	95	100	95	Richland.....			
Stark.....	98	98	97	Moultrie.....	97	100	100	Saline.....			
Stephenson.....	100	100	104	Platt.....	100	100	100	St. Clair.....			
Warren.....	100	100	96	Pike.....	60	100	100	Union.....			
Whiteside.....	87	100	100	Sangamon.....	100	100	100	Wabash.....			
Will.....	100	100	87	Schuyler.....	95	100	100	Washington.....			
Winnebago.....	100	98	100	Scott.....	92	100	82	Wayne.....			
Woodford.....	100	97	105	Shelby.....	97	100	82	White.....			
Woodward.....	100	100	105	Tazewell.....	150	120	100	Williamson.....			
Average.....	99	99	98	Vermilion.....	93	93	91	Average.....	95	80	100

NORTHERN DIVISION.			CENTRAL DIVISION.			SOUTHERN DIVISION.							
COUNTIES.	Acreage 1884, compared with 1883.....	Condition May 1, 1884— per cent.....	Condition June 1, 1884— per cent.....	Condition July 1, 1884— per cent.....	Condition July 1, 1883— per cent.....	Condition July 1, 1882— per cent.....	COUNTIES.	Acreage 1884, compared with 1883.....	Condition May 1, 1884— per cent.....	Condition June 1, 1884— per cent.....	Condition July 1, 1884— per cent.....	Condition July 1, 1883— per cent.....	Condition July 1, 1882— per cent.....
Boone.....	104	92	108	105	93	93	Adams.....	99	89	98	96	95	86
Bureau.....	117	100	95	100	106	105	Brown.....	104	95	100	100	100	80
Carroll.....	102	100	100	100	108	90	Calhoun.....	104	100	93	100	100	80
Cook.....	105	100	99	83	105	100	Cass.....	104	99	102	106	102	92
DeKalb.....	113	92	105	101	105	100	Champaign.....	81	82	95	102	104	96
DePue.....	100	90	97	72	100	100	Christian.....	109	90	97	100	101	127
Grundy.....	110	97	103	103	84	110	Clark.....	109	90	94	86	110	103
Henderson.....	108	98	103	103	100	90	Coles.....	100	95	94	105	103	106
Henry.....	118	100	104	107	108	106	Cumberland.....	96	94	102	105	100	87
Iroquois.....	123	98	100	104	102	96	De Witt.....	110	102	105	105	105	92
JoDaviss.....	100	101	104	98	100	100	Douglas.....	94	100	85	105	105	105
Kane.....	110	100	104	83	100	102	Edgar.....	109	108	100	90	83	105
Kankakee.....	105	100	103	95	103	95	Ford.....	115	96	102	102	104	105
Kendall.....	102	98	102	98	96	98	Fulton.....	110	96	100	102	103	105
Knox.....	109	95	102	104	97	90	Greene.....	84	96	102	107	103	92
Lake.....	98	100	98	85	99	100	Hancock.....	108	98	100	105	100	110
LaSalle.....	104	95	101	88	95	95	Harvey.....	87	75	97	92	106	110
Lee.....	109	100	106	101	104	99	Henry.....	102	95	99	102	100	92
Livingston.....	125	102	101	92	85	105	Logan.....	107	100	97	96	96	100
Marshall.....	105	105	110	112	103	105	Macon.....	77	81	95	95	98	100
McHenry.....	104	100	99	103	105	107	Macoupin.....	101	96	100	102	100	77
Mercer.....	97	95	102	105	105	90	Mason.....	123	93	107	100	110	86
Ogle.....	106	81	104	98	105	100	McDonough.....	108	93	102	101	95	100
Peoria.....	104	92	102	102	96	95	McLean.....	102	100	104	99	100	96
Putnam.....	110	100	100	105	102	106	Menard.....	80	83	94	99	106	115
Rock Island.....	100	96	100	100	107	83	Montgomery.....	80	83	94	99	106	115
Stark.....	109	97	103	106	100	100	Morgan.....	99	91	98	100	101	92
Stephenson.....	102	97	102	102	103	103	Moultrie.....	71	87	96	97	106	92
Warren.....	120	105	105	103	100	91	Platt.....	110	98	100	100	101	112
Whiteside.....	101	100	100	105	110	100	Pike.....	118	98	102	107	106	98
Will.....	115	103	97	87	106	86	Sangamon.....	91	97	100	103	110	100
Winnebago.....	106	100	102	97	110	95	Schuyler.....	105	95	107	104	102	107
Woodford.....	102	95	110	113	94	105	Scott.....	100	95	97	100	97	100
Williamson.....	103	100	104	105	97	99	Shelby.....	86	92	97	102	108	106
Average.....	107	98	102	99	101	98	Tazewell.....	115	97	104	114	95	99
							Vermilion.....	146	105	115	122	114	100
							Average.....	101	94	100	102	102	100



## CROP REPORT.

CONDITION WINTER RYE, JULY 1, 1884, Etc.

NORTHERN DIVISION.				CENTRAL DIVISION.				SOUTHERN DIVISION.								
COUNTIES.	Condition, April 1, 1884, per cent...	Condition, May 1, 1883, per cent...	Condition, June 1, 1884, per cent...	Condition, July 1, 1884, per cent...	COUNTIES.	Condition, April 1, 1884, per cent...	Condition, May 1, 1884, per cent...	Condition, June 1, 1884, per cent...	Condition, July 1, 1884, per cent...	COUNTIES.	Condition, April 1, 1884, per cent...	Condition, May 1, 1884, per cent...	Condition, June 1, 1884, per cent...	Condition, July 1, 1884, per cent...	Condition, July 1, 1883, per cent...	Condition, July 1, 1882, per cent...
Boone.....	100	97	100	97	Adams.....	100	90	90	87	Alexander.....	80	90	90	90	95	115
Bureau.....	92	90	95	92	Brown.....	97	98	92	95	Boyd.....	90	93	93	95	72	100
Carroll.....	102	104	88	99	Calhoun.....	100	90	80	...	Clay.....	...	...	...	...	80	90
Cook.....	93	97	93	92	Cass.....	105	104	100	100	Clinton.....	94	77	77	90	93	115
DeKalb.....	82	100	97	100	Champaign.....	90	95	86	92	Crawford.....	85	84	90	75	96	99
DuPage.....	102	91	90	92	Christian.....	96	95	86	80	Edwards.....	100	95	87	90	95	100
Grundy.....	95	98	105	97	Clark.....	69	58	62	53	Effingham.....	71	66	67	91	80	106
Henderson.....	100	100	102	102	Coles.....	97	100	94	93	Fayette.....	57	57	59	52	84	98
Henry.....	85	84	88	81	Cumberland.....	100	106	100	87	Franklin.....	75	90	85	83	95	100
Irroquois.....	70	91	86	70	DeWitt.....	108	106	86	91	Gallatin.....	77	90	77	75	55	100
Jo Daviess.....	102	100	99	97	Douglas.....	92	95	90	87	Hamilton.....	...	...	100	...	...	...
Jo Kane.....	98	93	99	86	Edgar.....	100	...	...	...	Hardin.....	95	106	90	...	65	100
Kankakee.....	95	102	79	93	Ford.....	97	100	...	91	Jackson.....	55	66	75	80	57	106
Kendall.....	100	101	99	100	Greene.....	110	100	90	90	Jasper.....	59	48	75	73	100	90
Knox.....	102	100	102	100	Hancock.....	100	103	100	95	Jefferson.....	70	82	87	75	50	106
Lake.....	100	100	100	96	Jersey.....	100	...	90	100	Johnson.....	75	80	80	75	100	105
LaSalle.....	110	110	90	93	Fulton.....	96	100	...	...	Lawrence.....	100	90	100	87	70	100
Lee.....	90	101	102	102	Logan.....	95	100	100	99	Madison.....	100	90	100	80	100	100
Livingston.....	90	95	88	87	Macon.....	95	97	92	93	Marion.....	62	70	35	100	70	100
Marshall.....	100	103	100	105	Macoupin.....	100	75	75	...	Massac.....	100	105	100	100	100	105
McHenry.....	100	109	103	105	Mason.....	100	100	100	100	Monroe.....	100	105	100	80	70	100
Mercer.....	100	100	98	85	McDonough.....	95	100	90	95	Perry.....	100	88	85	66	61	103
Ogle.....	97	104	104	104	McLean.....	92	91	94	92	Pope.....	87	100	100	66	50	100
Peoria.....	96	94	96	97	Menard.....	100	100	100	100	Pulaski.....	87	100	100	...	...	100
Putnam.....	100	100	97	98	Montgomery.....	83	89	83	70	Randolph.....	95	90	100	88	80	100
Rock Island.....	100	97	87	91	Morgan.....	103	100	100	100	Rehland.....	60	77	88	91	42	107
Stark.....	100	97	97	99	Moutrie.....	...	100	100	87	Saline.....	77	100	91	75	80	120
Stephenson.....	96	91	96	99	Piatt.....	95	97	97	94	St. Clair.....	100	100	100	97	92	98
Warren.....	98	100	100	100	Pike.....	100	100	100	97	Union.....	100	97	97	90	86	80
Whiteside.....	85	102	90	90	Sangamon.....	100	100	100	100	Wabash.....	...	...	...	...	...	...
Will.....	97	100	105	102	Schuyler.....	97	100	100	95	Washington.....	90	91	93	75	62	110
Winnebago.....	98	100	88	87	Scott.....	100	95	97	90	White.....	100	95	87	75	10	110
Woodford.....	100	100	102	103	Shelby.....	94	96	91	98	Williamson.....	...	75	100	...	100	100
Average.....	96	96	96	95	Tazewell.....	83	80	80	80	Average.....	81	85	86	81	74	101
					Vermilion.....	96	95	92	90							

CONDITION MEADOWS JULY 1, 1884, Etc.

NORTHERN DIVISION.				CENTRAL DIVISION.				SOUTHERN DIVISION.									
County	Acreage 1884, compared with 1883.	Condition June 1, 1884, per cent.	Condition July 1, 1884, per cent.	Condition July 1, 1883, per cent.	Condition July 1, 1882, per cent.	Counties.	Acreage 1884, compared with 1883.	Condition June 1, 1884, per cent.	Condition July 1, 1884, per cent.	Condition July 1, 1883, per cent.	Condition July 1, 1882, per cent.	Counties.	Acreage 1884, compared with 1883.	Condition June 1, 1884, per cent.	Condition July 1, 1884, per cent.	Condition July 1, 1883, per cent.	Condition July 1, 1882, per cent.
Boone	100	103	102	102	101	Adams.....	95	98	100	100	79	Alexander.....	95	97	103	100	85
Bureau	100	102	100	106	107	Brown.....	99	100	97	105	105	Bond.....	102	100	107	105	86
Carroll	102	106	102	103	105	Calhoun.....	101	95	90	90	105	Clay.....	104	90	93	105	80
Cook	101	97	86	101	84	Cass.....	100	102	102	100	100	Clinton.....	102	102	100	120	87
DeKalb	104	106	95	103	98	Champaign.....	100	100	95	100	103	Crawford.....	99	96	95	95	92
DePue	97	92	67	110	100	Christian.....	94	94	105	102	101	Edwards.....	98	97	100	103	111
Grundy	107	103	105	100	85	Clark.....	95	99	98	87	118	Efingham.....	103	100	98	95	102
Henderson	101	100	100	100	100	Cotes.....	91	104	105	91	100	Fayette.....	101	100	93	99	100
Henry	99	93	92	108	108	Cumberland.....	100	100	95	101	104	Franklin.....	103	83	102	112	70
Iroquois	95	95	84	97	97	DeWitt.....	100	106	107	102	105	Gallatin.....	103	100	99	103	75
Jo Daviess	101	103	104	105	100	Douglas.....	85	85	87	95	96	Gallatin.....	101	95	104	113	78
Kane	99	101	77	102	100	Edgar.....	94	102	98	96	102	Hamilton.....	103	100	100	100	100
Kankakee	91	98	96	113	100	Ford.....	104	102	97	86	107	Jackson.....	105	95	107	92	88
Kendall	101	95	86	106	100	Fulton.....	94	103	103	102	102	Jasper.....	103	97	106	100	93
Knox	94	99	106	110	97	Greene.....	100	98	107	106	106	Jefferson.....	103	97	106	100	84
Lake	101	99	90	107	96	Hancock.....	90	95	100	105	103	Johnson.....	86	80	86	90	80
LaSalle	98	102	94	101	99	Harvey.....	100	110	105	103	103	Lawrence.....	102	105	103	92	80
Lee	98	103	97	103	105	Jersey.....	103	104	107	101	100	Madison.....	103	94	103	104	92
Livingston	103	99	99	110	99	Logan.....	92	93	110	88	100	Marion.....	105	95	107	85	98
Marshall	98	103	103	108	97	Macon.....	101	99	105	106	86	Massac.....	100	91	86	104	40
McHenry	98	95	92	112	118	Macoupin.....	100	100	100	102	91	Monroe.....	100	99	100	80	40
Mercer	105	98	95	109	100	Mason.....	103	103	110	110	77	Morroe.....	106	100	101	96	66
Ogle	102	110	102	105	105	McDonough.....	103	103	106	98	98	Perry.....	105	100	101	96	86
Peoria	94	103	100	102	97	McLean.....	97	103	101	102	95	Pope.....	95	100	100	96	86
Putnam	97	101	100	102	106	Menard.....	105	103	101	102	95	Pulaski.....	101	100	110	106	96
Rock Island	96	97	94	105	97	Montgomery.....	105	101	102	96	104	Randolph.....	105	101	105	103	82
Stark	99	94	79	105	97	Morgan.....	98	100	101	104	88	Richland.....	93	97	98	103	85
Stephenson	100	103	103	96	104	Moultrie.....	99	98	106	97	96	Saline.....	102	102	102	106	110
Warren	107	109	100	100	90	Piatt.....	101	101	102	96	103	St. Clair.....	102	100	95	105	101
Whiteside	110	105	105	115	87	Pike.....	92	92	93	93	84	Union.....	97	96	105	100	80
Will	95	100	84	110	95	Sangamon.....	96	105	103	98	101	Wabash.....	102	103	100	105	77
Winnebago	100	107	110	108	115	Schnyder.....	97	96	95	96	96	Washington.....	102	103	100	105	80
Woodford	97	90	107	105	90	Scott.....	93	97	105	103	46	Wayne.....	102	102	102	105	70
						Shelby.....	101	101	105	102	95	White.....	95	92	88	101	66
						Tazewell.....	100	105	115	107	105	Williamson.....	104	105	107	105	66
Average	99	100	96	105	99	Vermilion.....	98	100	102	99	95	Average.....	100	97	99	102	85

## CONDITION PASTURES JULY 1, 1884, Etc.

NORTHERN DIVISION.			CENTRAL DIVISION.			SOUTHERN DIVISION.		
Counties.			Counties.			Counties.		
Acreage 1884, compared with 1883....	Condition June 1, 1884, per cent.....	Condition July 1, 1884, per cent.....	Condition July 1, 1884, per cent.....	Condition July 1, 1883, per cent.....	Condition July 1, 1882, per cent.....	Acreage 1884, compared with 1883....	Condition June 1, 1884, per cent.....	Condition July 1, 1884, per cent.....
Acreage 1884, compared with 1883....	Condition July 1, 1883, per cent.....	Condition July 1, 1882, per cent.....	Acreage 1884, compared with 1883....	Condition July 1, 1883, per cent.....	Condition July 1, 1882, per cent.....	Acreage 1884, compared with 1883....	Condition June 1, 1884, per cent.....	Condition July 1, 1884, per cent.....
Boone.....	100	102	Adams.....	100	77	Alexander.....	80	95
Bureau.....	101	102	Brown.....	101	95	Bond.....	96	102
Carroll.....	102	103	Calhoun.....	104	105	Clay.....	106	105
Cook.....	101	86	Cass.....	100	103	Clinton.....	92	92
DeKalb.....	102	95	Champaign.....	105	105	Edwards.....	103	103
DuPage.....	100	100	Christian.....	103	97	Edwards.....	107	100
Grundy.....	101	85	Clark.....	99	97	Effingham.....	95	92
Henderson.....	104	102	Coles.....	100	92	Fayette.....	108	88
Henry.....	100	105	Cumberland.....	105	100	Franklin.....	103	95
Iroquois.....	100	100	De Witt.....	100	115	Gallatin.....	100	105
Jo Daviess.....	101	97	Douglas.....	100	102	Hamilton.....	83	92
Kane.....	101	104	Edgar.....	90	97	Hardin.....	101	91
Kankakee.....	102	104	Ford.....	98	100	Jackson.....	106	106
Kendall.....	103	85	Fulton.....	103	99	Jasper.....	100	100
Knox.....	103	93	Greene.....	102	103	Jefferson.....	100	102
Lake.....	103	91	Hancock.....	100	104	Johnson.....	105	96
LaSalle.....	101	107	Harvey.....	100	103	Lawrence.....	103	88
Lee.....	100	98	Logan.....	108	110	Madison.....	88	85
Livingston.....	103	105	Macon.....	104	104	Marion.....	100	100
Marshall.....	105	102	Macoupin.....	102	103	Massac.....	102	97
McHenry.....	103	105	Mason.....	102	97	Monroe.....	85	98
Mercer.....	101	96	McDonough.....	100	103	Perry.....	96	90
Ogle.....	101	111	McLean.....	100	105	Pope.....	96	105
Peoria.....	100	108	Menard.....	100	120	Pulaski.....	104	106
Putnam.....	104	101	Montgomery.....	94	107	Randolph.....	85	100
Rock Island.....	101	106	Morgan.....	102	102	Richland.....	102	103
Starke.....	97	114	Moultrie.....	100	102	Saline.....	105	104
Stephenson.....	102	89	Platt.....	97	104	St. Clair.....	100	96
Warren.....	102	106	Pike.....	101	105	Union.....	97	100
Whiteside.....	106	99	Sangamon.....	104	102	Washington.....	101	100
Will.....	100	87	Schuyler.....	97	98	Wayne.....	102	85
Winnebago.....	96	88	Scott.....	100	102	White.....	105	107
Woodford.....	100	110	Shelby.....	100	103	Williamson.....	103	97
Average.....	93	90	Tazewell.....	101	108	Average.....	97	80
			Vermilion.....	101	105			
	101	95	Average.....	101	122		96	97
				104	96		103	92





# CONDITION FLAX JULY 1, 1884, Etc.

NORTHERN DIVISION.						CENTRAL DIVISION.						SOUTHERN DIVISION.					
Counties.						Counties.						Counties.					
Acreage 1884, compared with 1883.....	Condition, June 1, 1884, per cent.....	Condition, July 1, 1884, per cent.....	Condition, July 1, 1883, per cent.....	Condition, July 1, 1882, per cent.....		Acreage 1884, compared with 1883.....	Condition, June 1, 1884, per cent.....	Condition, July 1, 1884, per cent.....	Condition, July 1, 1883, per cent.....	Condition, July 1, 1882, per cent.....		Acreage 1884, compared with 1883.....	Condition, June 1, 1884, per cent.....	Condition, July 1, 1884, per cent.....	Condition, July 1, 1883, per cent.....	Condition, July 1, 1882, per cent.....	
Boone.....				100	Adams.....						Alexander.....					90	
Bureau.....					Brown.....						Bond.....					90	
Carroll.....				75	Calhoun.....						Clay.....		100		100	90	
Cook.....	138	100	95	87	Cass.....						Clinton.....				75	100	
DeKalb.....	80	100	95	95	Champaign.....	90	90	100	100	90	Crawford.....					105	
DuPage.....	70	90	85	80	Christian.....						Edwards.....						
Grundy.....	100	100	65		Clark.....						Effingham.....						
Henderson.....					Coles.....						Fayette.....						
Henry.....					Cumberland.....						Franklin.....					100	
Iroquois.....	130	93	102	92	DeWitt.....						Gallatin.....					100	
Jo Daviess.....				90	Douglas.....	60	80	80	100	92	Hamilton.....				75	100	
Kane.....				93	Edgar.....						Hardin.....						
Kankakee.....	97	100	90	85	Ford.....						Jackson.....					92	
Kendall.....					Fulton.....						Jasper.....				101	92	
Knox.....					Greene.....						Jefferson.....				75	100	
Lake.....	73	98	87	95	Hancock.....						Johnson.....					90	
LaSalle.....					Jersey.....						Lawrence.....						
Lee.....					Logan.....						Madison.....						
Livingston.....	94	103	97	85	Macon.....						Marion.....					102	
Marshall.....					Macoupin.....						Massac.....						
McHenry.....	60	100	100	80	Mason.....						Monroe.....						
Mercer.....					McDonough.....						Perry.....						
Ogle.....			85	97	McLean.....						Pope.....						
Peoria.....					Menard.....						Pulaski.....						
Putnam.....					Montgomery.....						Randolph.....						
Rock Island.....				90	Morgan.....						Richland.....					100	
Stark.....			100	95	Moultrie.....	100	100	100	90	65	Saline.....						
Stephenson.....			100	100	Platt.....	80	100	95	96	87	St. Clair.....						
Warren.....					Pike.....						Union.....						
Whiteside.....					Sangamon.....						Wabash.....						
Will.....	100	100	95	75	Schuyler.....						Washington.....						
Winnebago.....				100	Scott.....						Wayne.....					105	
Woodford.....					Shelby.....						White.....					100	
					Tazewell.....						Williamson.....						
Average.....	94	98	95	88	Vermilion.....	80	100		105	105	Average.....	100	87		90	98	
					Average.....	85	95	95	97	88							

## FARM CROPS.

## CONDITION OR YIELD.

Counties.	CORN.	BRO M CORN.	SOR-GRUM.	WHEAT.	WHEAT.	WHEAT.	SPRING BARLEY.	OATS.	FLAX.	COTTON.	TOBAC CO.	IRISH POTAT S.	SWEET POTAT S.	MEAD-OWS.	CRO-VER.	OTHY.	PAS-TURES.
	Condition July 1, 1884	Condition July 1, 1884	Condition July 1, 1884	Condition or yield July 1, 1884.	Condition or yield July 1, 1884.	Condition or yield July 1, 1884.	Condition July 1, 1884	Condition July 1, 1884	Condition July 1, 1884	Condition July 1, 1884	Condition July 1, 1884	Condition July 1, 1884	Condition July 1, 1884	Condition or yield July 1, 1884.	Condition July 1, 1884	Condition July 1, 1884	Condition July 1, 1884
	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.
Adams.....	96		75	63	87				96			98	87	100	85	97	98
Alexander.....	85	92	97	98	90	100			105			107	85	103	97	103	99
Bond.....	90	80	88	44	95	97			102			102	100	100	100	106	106
Boone.....	96	90	90	95	97	100	100		105	90		101	102	102	105	101	105
Brown.....	95	90	80	80	95				92		80	105	100	97	98	100	98
Bureau.....	101	100	83	86	100	88			100			101	100	100	97	101	105
Calhoun.....	75			85					100			100			90	90	
Carroll.....	104		100	90	99	100	75		100			100		102	100	105	107
Cass.....	97			100	100		100		106			111	90	102	107	107	112
Champaign.....	100	100	97	79	92				104	100		101	100	95	105	102	105
Christian.....	117	60	80	81	80		60	92				92	83	105	92	95	97
Clark.....	86	85	83	39	53			100			85	75	89	98	100	103	97
Clay.....	90	100	93	22	77			93			100	97	98	93	100	92	92
Clinton.....	75	50	75	75	90			103			100	97	100	100	100	110	103
Coles.....	86	85	82	72	95			86			100	91	96	105	101	104	102
Cook.....	95		100	75	92	88	100	83	95			92		86	87	80	85
Crawford.....	79	70	76	42	75			98			80	91	33	95	95	93	100
Cumberland.....	90	100	95	75	87			95	90		85	95	90	95	100	95	102
DeKalb.....	106			102	100	98	100	101	95			101		95	97	96	99
DeWitt.....	100		100	96	91	110		106				102	102	107	102	107	110
Douglas.....	78	72	80	63	87			85	80			90	90	87	85	87	97
DuPage.....	98		85		92	90	80	72	85			98		67	67	60	75
Edgar.....	96	50	90	69				99				99	97	98	100	98	98
Edwards.....	100		95	80	90			100			100	105	107	100	97	105	102
Effingham.....	91	90	92	56	91			96				97	96	96	98	98	95
Fayette.....	81	97	79	44	52			77			100	88	84	93	100	91	94
Ford.....	99							90	102			97		97	105	90	106
Franklin.....	100	100	94	81	83			107			100	107	94	102	105	105	105
Fulton.....	93		98	97	91	100		102				102	100	103	97	103	104
Gallatin.....	83		72	90				96			87	101	92	99	100	101	95
Greene.....	97		100	60	90			107				100	100	107	103	108	103
Grundy.....	107		83	100	97			105	100			102	95	105	106	101	104
Hamilton.....	96	90	92	64	75			105			101	102	101	104	110	109	106
Hancock.....	110		100	102	95			95				102	100	100	102	102	100
Hardin.....	62		65	80				95				100	100	100	100	100	100
Henderson.....	104		87	91	102	95		103			100	100	100	100	103	99	106
Henry.....	92	82	102		81	100	100	107				103	95	92	97	89	102
Iroquois.....	105		100	75	70			104	102			102	100	84	97	82	99
Jackson.....	95			100				100				120	100	100	100	100	100
Jasper.....	70		65	60	80			80				60	75	75	75	75	75
Jefferson.....	80	80	83	39	73			102				98	98	106	102	106	103
Jersey.....	75		90	87	100			92				105	100	105	105	100	110
Jo Daviess.....	96		100	103	97	100	100	104			97	97		104	104	104	106
Johnson.....	79	80	83	77	75			111		90		100	97	86	87	95	84
Kane.....	93			90	86	82	95	83	100			89		77	75	78	76
Kankakee.....	99	100	100	85	93			95	90			100	95	96	97	94	102
Kendall.....	95		100	100	100			98				91	90	86	89	89	87
Knox.....	108	100	97	100	100	110		104				105	95	106	87	101	104
Lake.....	93	85	90	97	96	95	92	85	87			90		90	93	82	97
LaSalle.....	93	80	92	88	93	85		90				93	93	94	94	88	93
Lawrence.....	96	92	93	63	75			100			100	98	95	103	77	108	100



## Farm Crops—Continued.

## CONDITION OR YIELD.

Counties.	PAS- TURES.		TIM- OTHY.		CLO- VER.		MEAD- OWS.		SWEET POTAT'S		IRISH POTAT'S		TOBAC CO.		COTT'N		FLAX.		OATS.		SPRING BARNY		SPRING WHEAT		WINTER WHEAT		WINTER WHEAT		SOR- GHUM.		BRO M CORN.		CORN.	
	Condition July 1, 1884	Per cent.	Condition July 1, 1884	Per cent.	Condition July 1, 1884	Per cent.	Condition or yield July 1, 1884	Per cent.	Condition July 1, 1884	Per cent.	Condition July 1, 1884	Per cent.	Condition July 1, 1884	Per cent.	Condition July 1, 1884	Per cent.	Condition July 1, 1884	Per cent.	Condition July 1, 1884	Per cent.	Condition July 1, 1884	Per cent.	Condition July 1, 1884	Per cent.	Condition or yield July 1, 1884	Per cent.	Condition or yield July 1, 1884	Per cent.	Condition July 1, 1884	Per cent.	Condition July 1, 1884	Per cent.		
Lee.....	104	90	100	99	100	95	101	97	101	97	101	97	100	97	101	92	101	92	101	92	100	90	100	90	102	100	100	99	100	95	100	92	104	97
Livingston.....	97	92	93	99	100	99	102	96	100	86	103	100	100	97	103	97	102	95	97	95	100	90	100	90	102	100	100	99	100	95	100	92	97	97
Logan.....	104	100	100	94	100	106	107	100	100	100	103	100	100	100	102	102	102	102	102	102	100	90	100	90	102	100	100	100	100	106	104	104	104	
Macon.....	99	97	97	59	100	110	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	93	100	90	102	100	100	100	100	100	100	100	100	
Macoupin.....	84	105	65	87	100	105	100	100	100	100	96	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
Madison.....	88	87	52	87	100	103	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
Marion.....	92	95	100	87	100	107	100	100	100	100	93	90	107	107	107	107	107	107	107	107	107	107	107	107	107	107	107	107	107	107	107	107	107	
Marshall.....	109	105	112	105	110	103	103	103	105	105	106	105	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	104
Mason.....	100	98	92	100	100	102	100	100	106	107	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	105
Massac.....	81	80	79	80	100	89	86	86	95	81	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	95
McDonough.....	100	100	100	105	95	110	110	110	110	110	110	100	110	100	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110
McHenry.....	101	100	97	107	105	102	92	85	97	100	97	100	92	85	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	97
McLean.....	91	90	90	90	92	90	101	106	104	97	106	101	106	107	107	107	107	107	107	107	107	107	107	107	107	107	107	107	107	107	107	107	107	107
Menard.....	94	80	87	91	100	102	95	101	102	95	101	102	80	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	106
Mercer.....	100	80	97	100	85	105	95	95	100	95	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	97
Monroe.....	90	90	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Montgomery.....	84	80	84	47	70	75	99	102	86	95	102	84	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Morgan.....	92	90	84	100	100	100	100	100	102	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	104
Moultrie.....	91	83	91	81	87	100	97	100	101	100	106	104	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	107
Ogle.....	99	77	90	104	104	100	99	85	97	100	102	101	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Peoria.....	99	100	92	95	97	102	102	107	104	107	104	107	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Perry.....	92	95	95	63	66	109	104	100	104	100	104	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	101
Piatt.....	98	95	100	83	94	100	77	96	77	96	102	101	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	102
Pike.....	94	100	100	46	97	107	102	100	102	100	93	84	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	96
Pope.....	75	75	80	100	100	100	90	75	90	75	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Pulaski.....	75	75	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Putnam.....	105	97	87	98	102	105	107	95	107	95	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	107
Randolph.....	85	80	89	76	88	100	94	88	100	92	105	104	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	104
Richland.....	86	91	42	91	93	100	95	98	94	88	98	96	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	99
Rock Island.....	98	100	92	91	100	100	101	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Saline.....	90	90	100	75	75	100	100	100	100	100	110	110	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Sangamon.....	93	80	100	100	100	103	104	100	104	100	103	103	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	106
Schuyler.....	93	100	93	80	95	102	98	90	98	90	95	89	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	102
Scott.....	95	90	95	70	90	100	100	100	100	100	112	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	108
Shelby.....	97	85	85	73	98	102	96	90	96	90	105	102	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	103
Stark.....	103	100	100	98	99	106	102	94	102	94	79	97	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
St. Clair.....	77	72	93	97	102	91	81	81	81	81	95	95	94	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Stephenson.....	97	100	100	98	99	104	102	100	97	100	103	101	79	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	106
Tazewell.....	107	100	102	90	90	104	102	100	104	102	105	102	100	100	100	100	100	100	100	100	100	100	100	100	100	100</								

## FARM AND FRUIT CROPS.

### ACREAGE AND YIELD.

[illegible]

## Farm and Fruit Crops—Continued.

## ACREAGE AND YIELD.

Counties.	Wheat harvest commenced .....										WOODLAND		HUNGARIAN & MILLET		VINEYARD..		ORCHARDS.				WOOL.....		FIELD PEAS.....		FIELD BEANS...		CURRANTS..		GOOSE- BERRIES..		RASP- BERRIES..		STRAW- BERRIES..		CHERRIES..	
	Acreage compared with 1883 .....										Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.
Lee .....	111	106	100	106	108	100	105	100	100	100	50	99	75	100	82	121	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Livingston .....	116	106	103	106	93	87	97	100	95	95	88	97	65	98	82	99	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Logan .....	88	109	105	100	104	100	100	.....	102	98	100	85	85	100	100	100	July 1..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Macon .....	83	105	102	107	94	.....	.....	.....	90	97	100	100	69	94	100	98	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Macoupin .....	61	90	101	99	85	82	.....	100	94	107	82	95	55	87	107	97	June 28	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Madison .....	28	80	88	75	78	.....	.....	.....	100	83	75	83	50	72	87	93	June 26	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Marion .....	10	67	73	93	88	100	100	.....	100	102	95	100	90	90	98	68	June 22	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Marshall .....	96	110	86	90	90	115	105	100	105	95	100	100	76	100	107	101	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Mason .....	89	95	100	99	102	90	100	.....	87	87	82	100	86	100	100	100	June 29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Massac .....	10	97	85	100	.....	100	100	100	93	87	95	95	93	100	80	92	June 20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
McDonough .....	80	100	90	90	95	100	100	.....	80	77	75	80	75	100	100	90	July 2..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
McHenry .....	111	106	101	100	98	132	102	.....	86	100	.....	100	50	100	83	99	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
McLean .....	79	106	99	99	97	100	105	.....	93	111	90	95	79	102	90	99	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Menard .....	67	98	102	108	103	97	112	.....	91	102	100	100	84	101	90	95	June 28	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Mercer .....	129	95	91	101	112	.....	.....	.....	87	97	100	67	100	100	100	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Monroe .....	75	90	90	100	95	.....	.....	.....	75	75	80	75	.....	.....	.....	.....	June 18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Montgomery .....	29	85	100	100	97	87	100	100	96	90	105	87	79	100	97	99	June 30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Morgan .....	97	105	103	92	105	90	100	.....	90	100	100	72	100	110	100	100	June 28	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Moultrie .....	87	95	98	91	95	100	100	100	97	92	100	82	90	97	96	96	June 27	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Ogle .....	101	97	100	101	114	100	98	100	96	100	.....	100	73	100	62	96	July 2..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Peoria .....	110	103	88	100	98	100	100	.....	87	108	100	91	96	87	98	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Perry .....	37	83	100	87	75	.....	.....	.....	97	104	97	100	100	100	100	100	June 24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Piatt .....	100	96	103	98	104	100	100	100	97	102	100	85	76	104	87	100	July 2..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Pike .....	75	100	100	94	92	.....	.....	.....	100	90	75	100	80	100	100	96	June 26	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Pope .....	.....	.....	.....	.....	75	75	.....	.....	100	75	90	.....	.....	100	95	June 20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Pulaski .....	.....	100	100	25	25	100	120	100	100	100	110	80	80	110	100	90	June 15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Putnam .....	105	108	98	95	100	100	105	.....	98	92	.....	100	85	100	.....	97	July 1..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Randolph .....	46	97	100	101	85	77	87	.....	86	73	97	67	89	113	98	98	June 24	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Richland .....	15	73	100	80	92	91	113	.....	98	105	100	100	96	100	96	June 25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Rock Island .....	87	94	101	91	103	100	100	.....	95	85	.....	33	97	.....	93	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Saline .....	90	100	100	100	100	90	100	100	105	100	100	100	100	100	100	95	June 22	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Sangamon .....	83	100	97	100	103	.....	.....	.....	103	100	100	100	100	100	100	99	June 29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Schuyler .....	95	97	98	97	92	97	95	.....	93	100	105	105	63	98	95	98	June 25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Scott .....	35	83	97	105	90	100	100	.....	82	105	.....	60	75	110	100	100	June 27	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Shelby .....	78	100	105	102	117	95	110	101	100	103	101	88	75	101	99	95	June 28	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Stark .....	102	102	100	100	104	97	100	100	98	90	.....	100	85	100	102	100	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
St. Clair .....	67	80	100	95	92	100	105	.....	98	77	100	68	97	90	94	91	June 25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Stephenson .....	109	105	102	94	101	100	99	100	93	101	.....	100	92	100	100	93	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Tazewell .....	63	95	98	75	97	.....	.....	.....	100	97	100	90	67	100	100	97	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Union .....	40	60	90	83	100	.....	.....	.....	97	78	87	45	75	72	103	97	June 20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Vermilion .....	75	110	100	100	100	100	.....	.....	92	90	50	92	90	105	100	100	June 26	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Wabash .....	15	81	96	98	91	105	105	.....	97	100	100	100	81	100	.....	97	June 23	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Warren .....	101	108	106	99	106	.....	.....	.....	88	95	75	83	98	98	100	99	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Washington .....	25	40	80	100	100	.....	.....	.....	90	40	.....	25	92	100	100	100	June 23	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Wayne .....	45	87	93	93	83	95	105	.....	99	80	87	100	78	100	96	June 25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....</										



## CORRESPONDENTS' REMARKS.

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**ADAMS**—Corn is not as tall as some years past on July 1, but is in good condition and promises nearly an average yield per acre. Sorghum cane will make about three-fourths of an average yield per acre. Wheat harvest commenced June 25; some fields show the bad effects of rust; there is more chaff in wheat than usual, and there will be hardly two-thirds of an average yield per acre. Rye will make over three-fourths of an average yield per acre. Oats are nearly up to an average in condition; short straw but thick on the ground, clean of weeds and filling well. Irish potatoes are nearly up to an average in condition, and there will be more than three-fourths of an average yield per acre of sweet potatoes. Meadows and pastures are up to an average in condition. The yield of early fruit this season was as follows: Cherries, 80 per cent. of an average crop; strawberries, 103; raspberries, 100; gooseberries and currants, 97. The wool clip is as large as last season. Acreage of orchards as compared with 1883, as follows: Apple, 100; peach, 110; pear, 100. Vineyards are nearly up to an average in condition, and the area is nearly as large as last season. Considerable attention is given to the improvement of horses, especially Clyde and Bashaw horses.

**ALEXANDER**—Corn is not quite up to an average in condition; the season has been too wet and cold for the rapid growth of corn. Broom corn and sorghum cane is nearly up to an average in condition. Wheat has made considerable improvement during the past month, and is about up to an average in condition. Rye will not make quite an average yield per acre. Oats are above an average in condition, and the prospects for a large crop are better than for several years past. There will be more than an average yield per acre of Irish potatoes, and more than three-fourths of an average yield per acre of sweet potatoes. Meadows are in fine condition, and pastures will soon be up to an average. The yield of small fruits this season was as follows: Cherries, 20 per cent. of an average crop; strawberries, 67 per cent; raspberries, 90 per cent; gooseberries, 80 per cent, and currants 60 per cent. The wool clip is some larger than in 1883. The area of apple and pear orchards is not as large as last season. The interest in tile drainage is increasing, and there is considerable demand for tile.

**BOND**—Corn is of good color, and nearly up to an average in condition. There will be over three-fourths of an average yield per acre of broom corn and sorghum cane.

The quality of winter wheat is good, and there will be nearly half an average yield per acre. Rye is nearly up to an average in condition. Oats promise well. There will be an average yield per acre of Irish and sweet potatoes. Meadows and pastures have seldom been in better condition. The yield this season of small fruits was as follows: Cherries, 35 per cent. of an average crop; strawberries, 73 per cent; raspberries, 105 per cent; gooseberries, 90 per cent, and currants 80 per cent. The wool clip is not as large as last season. The area of orchards is not as large as in 1883. Some attention is paid to the improvement of live stock, and there is need of more well bred stock.

**BOONE**—Corn has made some improvement during the past month, and is nearly up to an average in condition. Broom corn and sorghum cane are not in as promising condition as corn, but with favorable season will make nearly an average yield per acre. Wheat, rye and barley are up to an average in condition. There will be more than an average yield per acre of oats. Flax is nearly up to an average in condition. Irish potatoes are above an average in condition. Meadows and pastures are in excellent condition. The yield of small fruit this season was as follows: Cherries and strawberries, 105 per cent. of an average crop; raspberries, 95 per cent; gooseberries and currants, 100 per cent. Field beans are up to an average in condition, and the area is as large as last season. The wool clip is not as large as last season. Acreage of apple orchards as compared with 1883 is 92 per cent. Area of vineyards is as large as in 1883, and condition nearly up to an average. Some attention is given to tile drainage, and the results largely exceed expectation.

**BROWN**—Corn has made considerable improvement during the past month and is nearly up to an average in condition. The same may be said of broom corn and sorghum cane. The quality of wheat is good; there is considerable chaff, and the prospects are not encouraging for much over three-fourths of an average yield per acre. Rye and oats are nearly up to an average in condition. Tobacco will make three-fourths of an average yield per acre. Sweet potatoes look well, and Irish potatoes are above an average in condition. Meadows and pastures are nearly up to an average in condition; meadows not pastured too closely last fall and winter will make more than an average yield per acre. The yield of small fruits this season was as follows: Cherries, 87 per cent. of an average crop;

Strawberries and gooseberries, an average crop; raspberries, 90 per cent. of an average crop. The wool clip is about as large as last season. Enterprising men are introducing Jersey and Holstein cattle and there are many good Shorthorns in the county. Farmers are largely engaged in tiling and the results are of the most gratifying character.

**BUREAU**—Corn has made considerable improvement during the past month and the prospects are encouraging for more than an average yield per acre. Broom corn looks well, and sorghum cane will make over three-fourths of an average yield per acre. Wheat will make nearly an average yield per acre. Rye and oats are up to an average in condition. There will be a large crop of Irish and sweet potatoes. Meadows and pastures are in excellent condition. The yield of small fruits this season was as follows: Cherries, 102 per cent. of an average crop; strawberries and gooseberries, 90; raspberries, 83; currants, 96. The 1884 wool clip is ten per cent. less than last season. There is considerable complaint of apple trees dying, and in some portions of the county one-fourth of the trees are dead.

**CALHOUN**—Prospects are not encouraging for over three-fourths of an average yield per acre. Winter wheat harvest commenced June 23; the crop will make over three-fourths of an average yield per acre. Oats are in fine condition. Irish potatoes are up to an average in condition. The area of orchards is less than last season. Considerable complaint is made of apples falling off. Timothy and clover meadows are not up to an average in condition.

**CARROLL**—Corn is above an average in condition and making rapid improvement. Sorghum cane is up to an average in condition. There will be an average crop of rye and spring wheat. Winter wheat is not quite up to an average in condition. Barley will make about three-fourths of an average yield per acre. Oat crop promises to be large. Irish potatoes are up to an average in condition. Meadows and pastures are above an average in condition. The yield of small fruits this season was as follows: Cherries, 100 per cent. of an average yield per acre. Strawberries, 112; raspberries, 110; gooseberries, 102; currants, 116 per cent. The area of field beans is not quite as large as last season; condition of crop is up to an average. The wool clip is nearly one-fourth less than in 1883. The area of apple orchards is less than last season. Considerable attention is given to the breeding of heavy horses, and there are seventeen full-blood draft stallions now in the county; the Normans are preferred. Shorthorn, Aberdeen Angus and Holstein cattle are bred in considerable numbers in the county.

**CASS**—Corn is nearly up to an average in condition, and, where not overflowed, will make more than an average yield per acre. Wheat and rye promise an average yield per acre. Barley is up to an average in condition. Oats have seldom promised better at this season. There will be more than an average yield per acre of Irish potatoes. Sweet potatoes are nearly up to an average in condition. Meadows will make an average yield per acre of hay, and pastures have seldom been in better condition. The yield of small fruits this season was as follows: Cherries, 97 per cent. of an

average crop; strawberries and raspberries, 103 per cent.; gooseberries and currants, an average crop. The wool clip is not quite as large as last season. Considerable attention is being paid to the improvement of farm animals, and tile drainage is receiving more attention each succeeding year.

**CHAMPAIGN**—Corn is up to an average in condition, and where not damaged by the excessive rains the last week in June will make more than an average yield per acre. Same may be said of broom corn. Sorghum cane is nearly up to an average in condition. Winter wheat has made considerable improvement during the past month, and from present prospects there will be more than three-fourths of an average yield per acre. Rye will not make quite an average yield per acre. Oats are above an average in condition. With favorable season, there will be an average yield per acre of rye. Irish and sweet potatoes look well, and there are no complaints of bugs. Meadows are nearly up to an average in condition. Pastures are excellent. The yield of small fruits this season has been as follows: Cherries, 80 per cent. of an average crop; strawberries, 90 per cent. of an average crop; raspberries, gooseberries and currants, an average crop. The wool clip is not as large as last season. The area of apple orchards is not as large as last season. Farmers are investing to the extent of their means in improved stock. There is a great demand for drain tile, and the 23 factories in Champaign county are run to their full capacity, and as many tile are brought into the county as are shipped out.

**CHRISTIAN**—The stand of corn is good, and the prospects are encouraging for more than an average yield per acre. The blackbirds in some localities took all the late planted seed-corn. Broom corn will not make two-thirds of an average yield per acre. Sorghum cane is making fair growth, and something over three-fourths of an average yield is expected. Winter wheat and rye will make over three-fourths of an average yield per acre. Barley is not doing well, and there will not be two-thirds of an average yield per acre. Oats are not up to an average in condition except on tiled land. Irish potatoes are nearly up to an average in condition, and from present prospects there will be more than three-fourths of an average yield per acre. Meadows are above an average in condition, and pastures are in fair condition. The yield of small fruits this season has been as follows: Cherries, 77 per cent. of an average crop; strawberries, 95 per cent.; raspberries, 90 per cent.; gooseberries, an average crop; currants, 83 per cent. of an average crop. The wool clip is some larger than last season. The area of peach and pear orchards is not as large as in 1883; more apple trees planted than usual.

**CLARK**—Corn has made some improvement during the past month, and with favorable conditions may make nearly an average yield per acre; the same may be said of broom corn and sorghum cane. Winter wheat prospects are not good, and the condition gives encouragement for but little over one-third of an average yield per acre. Rye will make half an average yield per acre. Oats look well and promise an average yield per acre. There will be over three-fourths of an average yield per acre of tobacco. Irish potatoes will make three-fourths of an average yield per acre.



Sweet potatoes are not quite up to an average in condition. Meadows and pastures are nearly up to an average in condition. The yield of small fruits this season has been as follows: Cherries, 59 per cent. of an average yield per acre; strawberries, 90 per cent. of an average yield per acre; raspberries, 93 per cent.; gooseberries and currants, 92 per cent. The wool clip is larger than last season.

CLAY—Corn was planted late, and until the last two weeks made but little growth; the crop is now growing rapidly, and is nearly up to an average in condition. Broom corn is in good condition. Prospects are encouraging for nearly an average yield per acre of sorghum cane. Wheat is nearly a failure, and there will be hardly one-fourth of an average yield per acre. Rye will make three-fourths of an average yield per acre. Oats are nearly up to an average in condition. Tobacco looks well. Irish and sweet potatoes are nearly up to an average in condition. Grass is needing rain, and meadows and pastures are not quite up to an average in condition. The yield of small fruits this season has been as follows: Strawberries and raspberries an average crop; gooseberries 88 per cent. of an average; currants, 95 per cent. of an average. The wool clip is some larger than last season. The area of apple orchards is larger than in 1883, and the area of peach and pear orchards is less.

CLINTON—Corn has been damaged by excessive rains, and from present prospects there will not be much over three-fourths of an average yield per acre. Broom corn will make half an average yield. Sorghum cane is in about the same condition as corn. The quality of wheat is good, and the yield larger than expected; there will be about three-fourths of an average yield per acre. Rye is nearly up to an average in condition. Oats look well, and with favorable conditions until after harvest will make more than an average yield per acre. Tobacco looks well. Sweet potatoes are up to an average in condition, and Irish potatoes promise well. Pastures are above an average in condition, and meadows will make an average yield of hay per acre. The yield of small fruits this season has been as follows: Cherries, 60 per cent. of an average crop; strawberries and raspberries, 95 per cent. of a crop; gooseberries, 103 per cent. of a crop, and currants, 90 per cent. of a crop. The wool clip is as large as in 1883. The area of apple and pear orchards is not as large as last season.

COLES—Corn, except on drained land, is not up to an average in condition owing to the continued heavy rains. Much of the corn is weedy and has only been partially cultivated. There will be something over three-fourths of an average yield per acre of corn, broom corn and sorghum cane. The heavy rains while the wheat was in bloom caused considerable wheat to blast or to scab, and there will hardly be three-fourths of an average yield per acre. Rye is nearly up to an average in condition. There has been too much rain for oats, and the yield per acre will not be up to an average. Tobacco looks well. There will be nearly an average yield per acre of Irish and sweet potatoes. Meadows and pastures are above an average in condition. The yield of small fruits this season has been as follows: Cherries, half a crop; strawberries, 94 per cent. of a crop; raspberries, an average crop; gooseberries and

currants, 95 per cent. of an average yield per acre. The wool clip is nearly as large as last season. The area of apple, peach and pear orchards is not as large as in 1883. There are not less than a dozen herds of Shorthorn, Hereford and Jersey cattle in the county, and farmers are generally improving their horses and cattle. Farmers are largely engaged in tiling, and will continue to tile as rapidly as their means will permit.

COOK—Corn is nearly up to an average in condition, but is small and two weeks later than usual in growth. Sorghum cane is up to an average in condition. Winter wheat is heading out and will make about three-fourths of an average yield per acre. Rye is nearly up to an average in condition. Spring wheat will make over three-fourths of an average yield per acre. Barley is up to an average in condition. Oats are short and show the want of rain; the prospects are not good for much over three-fourths of an average yield per acre. Flax is nearly up to an average in condition. Irish potatoes will make about an average yield per acre. Meadows and pastures are not up to an average in condition, owing to want of rain. The yield of small fruits this season has been as follows: Cherries, 103 per cent. of an average crop; strawberries, 87 per cent. of a crop; raspberries, gooseberries and currants, an average crop. The wool clip is as large as last season. The area of apple orchards is nearly as large as in 1883.

CRAWFORD—The stand of corn is inferior, owing to the cold, wet weather during planting season, and now the crop is needing rain; the prospects are not encouraging for much over three-fourths of an average yield per acre; the same may be said of broom corn and sorghum cane. The quality of wheat is good; there will be half an average yield per acre. Rye will make three-fourths of an average yield per acre. Oats are nearly up to an average in condition. Tobacco will make over three-fourths of an average yield per acre. Irish and sweet potatoes are nearly up to an average in condition. Pastures look well, and meadows are nearly up to an average in condition. The average yield of small fruits this season has been as follows: Cherries, 36 per cent. of an average crop; strawberries, 71 per cent. of an average crop; raspberries and gooseberries, over an average crop. The wool clip of the county is not quite as large as in 1883. The area of peach and pear orchards is not as large as last season. A large amount of tile has been used this season in this county.

CUMBERLAND—Corn is making good growth, and is nearly up to an average in condition—the same may be said of sorghum cane. Broom corn is up to an average in condition. Wheat harvest has commenced, and the crop will make three-fourths of an average yield per acre. Rye will not make an average yield per acre, but looks better than wheat. Oats are nearly up to an average in condition. Flax will not make quite an average yield per acre. Tobacco is making good growth, but will hardly make an average yield per acre. Irish and sweet potatoes are nearly up to an average in condition. Pastures look well, and meadows are nearly up to an average in condition. The yield of small fruits this season has been as follows: Cherries, half a crop; strawberries, 90 per cent. of a crop; raspberries, 95 per cent. of a crop; gooseberries, 110 per cent;



currants, 100 per cent. There is an unusual interest manifested in the improved breeds of farm animals.

**DEKALB**—The stand of corn is good—the crop has been well cultivated, and the prospects are encouraging for more than an average yield per acre. Winter wheat is above an average in condition. Rye is up to an average in condition. Spring wheat is nearly up to an average in condition. Barley looks well. With favorable season, there will be more than an average yield per acre of oats. Flax is nearly up to an average in condition. Irish potatoes are in splendid condition. Meadows and pastures are not quite up to an average in condition, owing to want of rain. The yield of small fruits this season has been as follows: Cherries, more than an average crop; an average crop of strawberries and gooseberries; more than an average crop of raspberries and currants. The wool clip is not as large as in 1883. The area of apple orchards is larger than last season.

**DEWITT**—Corn is in excellent condition except on flat, undrained lands, and the prospects are encouraging for an average yield per acre. Sorghum cane is up to an average in condition. Winter wheat and rye are nearly up to an average in condition. Spring wheat is in excellent condition, and will make more than an average yield per acre. Oats are above an average in condition. There will be more than an average yield per acre of Irish and sweet potatoes. Meadows and pastures have seldom been in better condition on July 1, and some fields will make three tons of hay per acre. The yield of small fruits this season has been as follows: Cherries, 91 per cent. of an average crop; strawberries, 102 per cent.; raspberries, 107 per cent.; gooseberries and currants, 110 per cent. The wool clip is as large as in 1883. There is an increase in the area of apple orchards and a decrease in peach and pear orchards when compared with 1883. Farmers are generally improving their stock, and good sires are in demand. There is a large demand for tile, and farmers are draining their wet lands as rapidly as their means will permit.

**DOUGLAS**—Corn on flat, undrained land badly damaged by excessive rains. Birds have done more damage to the corn than usual. The prospects are not encouraging for much over three-fourths of an average yield per acre of corn, broom corn and sorghum cane. There is some complaint of scab in wheat, caused by frequent rains, and hardly two-thirds of an average yield per acre will be realized. Rye will make over three-fourths of an average yield per acre. Oats and flax in about same condition as rye. Irish and sweet potatoes are nearly up to an average in condition. Meadows have been damaged by the heavy rains, especially on flat or undrained ground. The yield of small fruits this season has been as follows: Cherries, 60 per cent. of an average crop; strawberries and gooseberries, 87 per cent. of a crop; raspberries and currants, 80 per cent. of a crop. The wool clip is not as large as in 1883. A great deal of attention is being paid to the improvement of farm animals of all kinds. All progressive farmers are tiling their lands as fast as their means will permit.

**DUPAGE**—Corn is small, in good state of cultivation and making rapid growth and with favorable season will make about an

average yield per acre. Sorghum cane will make more than three-fourths of an average yield per acre. Rye and spring wheat are nearly up to an average in condition. Oats are short and thin on the ground and will make about three-fourths of an average yield per acre. Flax is not up to an average in condition, but will make more than three-fourths of an average yield per acre. Irish potatoes are nearly up to an average in condition. Meadows and pastures are short, and the dry weather has reduced the yield per acre of hay fully one-third. The yield of small fruits this season has been as follows: Cherries, 92 per cent. of an average crop; strawberries, raspberries and gooseberries about three-fourths of a crop; currants, 90 per cent. of an average crop. The wool clip is not as large as last season. Farmers are using more and larger tile this season than usual. The interest in draft horses is increasing in all parts of the county, and other improved stock is receiving attention.

**EDGAR**—Corn is doing well considering the late cold spring—the corn on flat, undrained land is not in good state of cultivation, otherwise corn is looking well and will make about an average yield per acre. Broom corn will not make much over half an average yield per acre. Sorghum cane is nearly up to an average in condition. The quality of wheat is good and there will be two-thirds of an average yield per acre. Oats are nearly up to an average in condition. Irish and sweet potatoes will make an average yield per acre. Meadows and pastures are nearly up to an average in condition—grass would be much benefited by rain. The yield of small fruits this season has been as follows: Cherries and gooseberries two-thirds of a crop; strawberries, 88 per cent. of a crop; raspberries, an average crop; currants, three-fourths of a crop. The wool clip is not as large as last season. The area of apple and pear orchards is some larger than last season. Increased attention has been given of late to the breeding of improved stock, and several Norman and Clydesdale horses have been brought into the county this season. Tile is in great demand, and farmers are rapidly as their means will permit, tiling their land.

**EDWARDS**—Corn is rather late but has been well cultivated, is making good growth and the prospects are encouraging for an average yield per acre. Sorghum cane is nearly up to an average in condition. Winter wheat will make three-fourths of an average yield per acre. There is complaint that wheat is moulding in the shock. A new kind of bug has made its appearance on the wheat. The insects work on the wheat the same as chinch bugs but are about three times as large and in form almost round and black in color. Their backs seem to be covered with a thin shell, and the old ones have wings. Oats are up to an average in condition. Tobacco looks well. There will be more than an average crop of Irish and sweet potatoes. Meadows and pastures are up to an average in condition. The yield of small fruits this season has been as follows: Cherries, 20 per cent. of an average crop; strawberries, 87 per cent. of an average crop; raspberries, gooseberries and currants more than an average crop. The wool clip is as large as last season. The area of apple orchards is larger than in 1883.

**EFFINGHAM**—Corn is generally small and in good state of cultivation except on wet land—is making rapid growth and with favorable season will make nearly an average yield per acre—the same may be said of broom corn and sorghum cane. Wheat has improved very much during the past month—the quality is good and there will be over half an average yield per acre. Rye will make nearly an average yield per acre. Oats, considering the wet season, are doing well and will make nearly an average yield per acre—the same may be said of tobacco. Irish and sweet potatoes are nearly up to an average in condition. Meadows and pastures promise about an average yield. The yield of small fruits this season has been as follows: Cherries half a crop; strawberries, raspberries and currants an average crop; gooseberries three-fourths of a crop. The wool clip is some larger than last season. The area of orchards is not quite as large as in 1883. Farmers are becoming impressed with the necessity of breeding better farm animals. Considerable interest is manifested in tile drainage, and there is quite a demand for tile.

**FAYETTE**—It has been too wet much of the season to cultivate corn which is not in good condition, and from present prospects will not make much over three-fourths of an average yield per acre; the same may be said of sorghum cane. Broom corn is nearly up to an average in condition. The quality of wheat is good, and on timber land there will be a fair crop, but for the county there will not be half an average yield per acre. Rye promises about half an average yield per acre, and oats will make three-fourths of an average yield per acre. Oats were badly damaged by the frequent rains. Tobacco is up to an average in condition. There will be over three-fourths of an average crop of Irish and sweet potatoes. Meadows and pastures are nearly up to an average in condition. The yield of small fruits this season has been as follows: Cherries, less than half a crop; gooseberries, currants and strawberries about three-fourths of a crop, and 94 per cent. of a crop of raspberries. The wool clip is as large as in 1883. The area of apple and peach orchards is not as large as last season.

**FORD**—Corn, except on wet land, is in good condition and will make an average yield per acre. Corn on tiled land has seldom been in more promising condition than this season. Oats are nearly up to an average in condition. Flax is above an average in condition. There will be nearly an average crop of Irish potatoes. Pastures are above an average in condition, and meadows will make about an average yield per acre of hay. The yield of small fruits this season has been as follows: Strawberries and raspberries, an average crop; cherries, gooseberries and currants, more than average crop. The wool clip is not as large as last season. Farmers are generally improving their stock by the use of full blood sires, and there are a number of herds and flocks of choice breeding in the county. Farmers are largely engaged in tiling, and the results far exceed expectations.

**FRANKLIN**—Corn is up to an average in condition, but rather small for the season, owing to late planting. Broom corn looks well, and sorghum cane will make nearly an average yield per acre. The quality of

wheat is good, and there will be over three-fourths of an average yield per acre of wheat and rye. Oats look well, and there will be more than an average yield per acre. Tobacco is up to an average in condition. Sweet potatoes are in fair condition. Irish potatoes will make more than an average yield per acre. Meadows and pastures are above an average in condition. The yield of small fruits this season has been as follows: Cherries, less than half a crop; strawberries, raspberries and gooseberries, about three-fourths of an average yield per acre, and two-thirds of a crop of currants. The wool clip of the county is nearly as large as last season. The area of orchards is not as large as in 1883.

**FULTON**—Corn looks well on drained land and will make an average yield per acre; on undrained land the stand is uneven, and the prospects for corn anything but flattering. Sorghum cane is nearly up to an average in condition. Winter wheat and rye are nearly up to an average in condition. Spring wheat is up to an average in condition and promises well. Oats are above an average in condition. There will be a large crop of Irish and sweet potatoes. Meadows and pastures are above an average in condition. The yield of small fruits this season has been as follows: Nearly an average crop of cherries, strawberries and raspberries, and an average crop of gooseberries and currants. The wool clip is not quite as large as in 1883. The area of apple and peach orchards is less than last season. Marked attention is given to the breeding of all kinds of farm animals and farmers are generally tiling to the extent of their means and necessities.

**GALLATIN**—Corn was planted late and is rather small and is now much in need of rain. The wheat harvest has demanded attention of farmers and much of the corn is weedy; the prospects are not encouraging for much over three-fourths of an average yield per acre. Sorghum cane will make three-fourths of an average crop. Winter wheat is nearly up to an average in yield per acre and the quality is good. Oats look well and with favorable season will make about an average yield per acre. Tobacco promises more than three-fourths of an average yield per acre. Sweet potatoes are nearly up to an average in condition and the prospect is encouraging for more than an average yield per acre of Irish potatoes. Grass has needed rain and meadows and pastures are not quite up to average in condition. The yield of small fruits this season has been as follows: Cherries, less than half a crop; gooseberries, three-fourths of a crop; strawberries and raspberries, over three-fourths of a crop. The late wool clip is not quite as large as last season. The area of orchards less than last season. There seems to be considerable interest in the improvement of farm animals, especially Norman and Clydesdale horses and Jersey cattle.

**GREENE**—Corn is small for the time of year and small owing to the unusual amount of replanting—crop has been well cultivated and is nearly up to an average in condition. Sorghum cane looks well. Wheat is badly mixed with cheat, and thin on the ground—not even two-thirds of an average yield per acre will be threshed. Rye is nearly up to an average in condition. The prospects have seldom been better for a very large yield of oats. Irish and sweet potatoes are up to an average in condition. Grass has made good growth and



there will be more than an average yield per acre of hay. Apples are dropping off badly. The yield of small fruits has been about up to an average. The wool clip is as large as last season. Especial attention is given to the improvement of all kinds of farm animals, and tile draining is all the rage with farmers that have not drained all their wet land.

**GRUNDY**—The stand of corn is good and condition promises more than an average yield per acre. There will be over three-fourths of an average crop of sorghum cane. Small grain is up to an average in condition. Oats, with favorable season, will make more than an average yield per acre. Sweet potatoes look well and Irish potatoes are above an average in condition. Meadows and pastures have seldom been in better condition the first of July. The yield of small fruits this season has been as follows: Cherries and strawberries, more than an average crop; raspberries, gooseberries and currants, an average crop. The wool clip is not quite as large as in 1883. The area of orchards is not as large as last season. Imported stallions are being introduced into the county and are liberally patronized. There is great interest manifested in tile drainage.

**HAMILTON**—Corn is rather backward in growth and the stand is uneven; prospects are encouraging for nearly an average yield per acre. Broom corn and sorghum cane are nearly up to an average in condition. The quality of wheat is good and the improvement has been so great during the past month that nearly two-thirds of an average yield per acre will be realized. Rye promises about three-fourths of an average yield per acre. Oats and tobacco are above an average in condition; the same may be said of Irish and sweet potatoes. Meadows and pastures are above an average in condition. The yield of small fruits this season has been as follows: Cherries, nearly one-third of a crop; raspberries, two-thirds of a crop; over three-fourths of a crop of gooseberries; nearly an average crop of strawberries, and an average crop of currants. The 1884 wool clip is not quite as large as last season. There is an increase in the area of apple orchards and a large decrease in the area of peach orchards. The interest in the improved breeds of farm animals is increasing and there is considerable inquiry for good stock.

**HANCOCK**—The stand of corn is good; the crop has been well cultivated, and the prospect is excellent for more than an average yield per acre of corn. Sorghum cane looks well. The prospects are good for more than an average yield per acre of winter wheat. Rye and oats are nearly up to an average in condition. There will be a large crop of Irish and sweet potatoes. Meadows and pastures are up to an average in condition. The yield of small fruit this season has been as follows: Cherries and raspberries over three-fourths of a crop, and more than an average crop of strawberries, gooseberries and currants. The area of apple and peach orchards is less than last season. Considerable attention is given to the improvement of farm animals, and a number have purchased draft horses and Jersey cattle during the past season.

**HARDIN**—Corn is backward in growth; the stand is uneven, and there is much complaint of poor seed. The prospects are not encouraging for two-thirds of an average yield per acre;—same may be said of

sorghum cane. Wheat is of good quality, and the prospects are fair for more than three-fourths of an average yield per acre. Oats are nearly up to an average in condition. Irish and sweet potatoes promise an average yield per acre. Meadows and pastures are in fine condition. The wool clip of the county is not as large as last season, and the area of apple orchards is less than in 1883.

**HENDERSON**—The stand of corn is good, the crop has been well cultivated, and the prospects are fair for more than an average yield per acre. Sorghum cane is not quite up to an average in condition. Winter and spring wheat will make nearly an average yield per acre. Rye is above an average in condition. Oats with good season will make more than an average yield per acre. Tobacco looks well. Irish and sweet potatoes are up to an average in condition. Meadows and pastures have seldom been in better condition the first of July. The yield of small fruits this season has been as follows: an average crop of cherries, strawberries and raspberries, and nearly an average crop of gooseberries and currants. The late wool clip is not quite as large as that of 1883. The interest is increasing, and there is constant improvement in the breeding of fine stock by the farmers of the county. A large amount of tile is being laid each succeeding year in the county.

**HENRY**—Corn is nearly up to an average in condition, but is needing rain; the crop has been well cultivated, and with favorable season will make an average yield per acre. Broom corn will make over three-fourths of an average yield per acre. Sorghum cane is above an average in condition. Rye will make three-fourths of an average yield per acre. Wheat and barley are up to an average in condition. The prospect has seldom been better for more than an average yield per acre of oats. Sweet potatoes look well. Irish potatoes are above an average in condition. Meadows are not quite up to an average in condition. Pastures look well. The yield of small fruits this season has been as follows: More than an average crop of cherries, raspberries, gooseberries and currants, and about an average crop of strawberries. Farmers are largely engaged in breeding good stock, and herds of Shorthorn, Hereford, Angus and Jersey cattle are owned in the county, as well as some choice specimens of Norman horses. Tile is in great demand for draining fields as well as highways.

**IROQUOIS**—Corn on drained land is above an average in condition, and is making rapid growth; on undrained land the corn has been damaged by the heavy rains since the 20th of June. Sorghum cane is up to an average in condition. Wheat and rye will make about three-fourths of an average yield per acre. Oats and flax are above an average in condition. There will be an average crop of Irish and sweet potatoes. The dry weather early in the season was unfavorable for the growth of grass, and meadows and pastures are not up to an average in condition. The yield of small fruits this season has been as follows: Cherries, more than an average crop; strawberries, raspberries, gooseberries and currants, nearly an average crop. The 1884 wool clip is not quite as large as last season. A large amount of tile is being laid in the county considering the scarcity of money owing to the partial failure of crops the past two years.



**JACKSON**—Corn is nearly up to an average in condition; there has been too much rain for corn. Winter wheat will make about an average yield per acre. Oats look well. Irish and sweet potatoes are up to an average in condition; sweet potatoes look well, and Irish potatoes are much above an average in condition. Meadows and pastures are up to an average in condition. The yield of small fruits this season has been as follows: Cherries, one-fourth of a crop; strawberries, half a crop; raspberries and gooseberries, three-fourths of a crop.

**JASPER**—The stand of corn is uneven, the plant small, cultivation inferior, and the prospects not encouraging for even three-fourths of an average yield per acre. Sorghum cane will not make two-thirds of an average yield per acre; the same may be said of winter wheat. Rye and oats will make over three-fourths of an average yield per acre. Irish potatoes will hardly make two-thirds of an average yield per acre; sweet potatoes about three-fourths of an average yield per acre. Meadows and pastures are short, and from present prospects there will be about three-fourths of an average yield per acre of hay. The yield of small fruits this season has been as follows: Cherries and strawberries, about three-fourths of a crop; raspberries, gooseberries and currants, an average crop. The wool clip is nearly one-fourth less than last season. There is an increase in the area of apple orchards, and a decrease in the area of peach orchards when compared with 1883.

**JEFFERSON**—The dry weather early in the season, and the heavy rains in June, injured the prospects for corn, and the present condition does not give encouragement for much over three-fourths of an average yield per acre; the same may be said of broom corn and sorghum cane. The quality of wheat is fair, and there will be over one-third of an average yield per acre. Rye promises about three-fourths of an average yield per acre. Oats are above an average in condition. Irish and sweet potatoes will make nearly an average yield per acre. Meadows and pastures are above an average in condition, and there will be a large hay crop. The yield of small fruits this season has been as follows: Nearly one-third of a crop of cherries, over half a crop of gooseberries, three-fourths of a crop of strawberries and currants, and nearly an average crop of raspberries. The late wool clip is larger than that of 1883. The area of orchards is less than in 1883. The interest in breeding improved stock is increasing, and good representatives of the several breeds are owned in the county.

**JERSEY**—The stand of corn is very uneven, and considerable corn is badly in need of cultivation; from present prospects there will not be over three-fourths of an average yield per acre. Sorghum cane looks some better than corn, but will not make an average yield per acre. The wheat has improved the past month beyond all expectations, and fields that seemed largely composed of chaff will make half an average yield per acre. Rye is up to an average in condition. Oats are not quite up to an average in condition. Sweet potatoes look well, and Irish potatoes are above an average in condition. Meadows and pastures have seldom been in better condition the first of July than this season. There was nearly three-fourths of a crop

of cherries; nearly an average crop of currants; a good crop of strawberries, and more than an average crop of raspberries and gooseberries. The 1884 wool clip was larger than that of last season. Farmers manifest much intelligence and enterprise in the breeding of nearly all the improved kinds of farm animals.

**JO DAVIESS**—Corn is more promising than last season at corresponding date, and is hardly up to an average in condition. On drained lands the corn is in splendid condition. Sorghum cane is up to an average in condition. There will be an average yield per acre of wheat, rye and barley. Oats are above an average in condition, and doing well. Tobacco is nearly up to an average in condition. Irish potatoes will make about an average yield per acre. Meadows and pastures are in splendid condition. There was more than an average crop of cherries, strawberries and gooseberries, and nearly an average crop of raspberries and currants. The wool clip is not quite as large as in 1883. There is a decrease in the area of orchards when compared with last season. Farmers are making considerable progress every year in the improvement of farm animals. Some attention has been given to tile drainage, and the satisfactory results will induce others to commence tiling their wet lands.

**JOHNSON**—Corn is small and in bad condition, fully two weeks later than usual, owing to the cold, backward spring and the continued heavy rains. The prospects are not encouraging for much over three-fourths of an average yield per acre; the same may be said of broom corn and sorghum cane. There will be about three-fourths of an average yield per acre of wheat and rye; the quality of wheat is good. Oats are above an average in condition. Tobacco is nearly up to an average in condition. Sweet potatoes look well, and Irish potatoes will make an average yield per acre. Meadows and pastures have more weeds than usual; grass was injured last winter by the severe winter. The hay crop will be limited. There was nearly half a crop of strawberries, one-fourth of a crop of cherries, over three-fourths of a crop of raspberries and currants, and nearly an average crop of gooseberries. The wool clip is not as large as in 1883. The area of orchards is less than last season. Considerable attention is being paid to the improvement of farm animals, and Short-horns are used to grade up the native cattle.

**KANE**—Corn is small, but has been well cultivated and with favorable season will make an average yield per acre. There will be more than three-fourths of an average yield per acre of wheat and rye. Barley is nearly up to an average in condition. Oats are short and have been damaged by the dry weather, and from present prospects there will not be much over three-fourths of an average yield per acre. Flax is up to an average in condition. Irish potatoes are not quite up to an average in condition. Meadows and pastures are not up to an average in condition, and show the unfavorable effects of the dry weather. There was nearly an average crop of currants, strawberries and raspberries, three-fourths of a crop of gooseberries, and more than an average crop of cherries. The wool clip is not as large as last season. Few counties in the State have more fine stock than Kane, and increased attention is given to

the improvement of farm animals each succeeding year. Large quantities of tile are being laid each year, and the interest in drainage is increasing.

**KANKAKEE**—The stand of corn is good, the plant small, but making rapid growth, and with favorable season will make nearly an average yield per acre. Broom corn and sorghum cane are up to an average in condition. Wheat and rye are not quite up to an average in condition. Oats and flax will make nearly an average yield per acre. Sweet potatoes look well, and Irish potatoes will make an average yield per acre. Pastures are above an average in condition, and meadows promise nearly an average yield of hay per acre. There was more than an average crop of cherries, strawberries, raspberries and gooseberries, and an average crop of currants. The 1884 wool clip is not quite as large as that of last season. Farmers are generally devoting much attention to the improvement of farm animals, and there are good herds of Herefords, Shorthorns and Polled Angus cattle owned in the county. Tile drainage is carried on extensively in the county, and the demand for tile is increasing each year.

**KENDALL**—Corn is rather small for the season; in good state of cultivation; is making rapid growth, and with favorable season will make an average yield per acre. Sorghum cane looks well. Wheat and rye are up to an average in condition. Oats are rather short and need rain; prospects are encouraging for nearly an average yield per acre. Irish and sweet potatoes are not quite up to an average in condition. Meadows and pastures are short, and there will not be an average yield of hay per acre. There was more than an average crop of cherries and currants; nearly an average crop of gooseberries; three-fourths of a crop of raspberries, and over three-fourths of a crop of strawberries. The wool clip is not as large as last season. Increased attention is given each succeeding year to tile drainage, and farmers are improving their live stock each year by the introduction of the best breeds.

**KNOX**—The stand of corn is good; the crop has been well cultivated, and the prospect has seldom been better for more than an average yield per acre. Broom corn looks well, and sorghum cane is nearly up to an average in condition. Spring wheat is above an average in condition, and winter wheat and rye will make an average yield per acre. Oats promise more than an average yield per acre. Sweet potatoes look well, and Irish potatoes are above an average in condition. Grass has made good growth, and meadows and pastures are above an average in condition. There was nearly an average crop of gooseberries, and more than an average crop of cherries, strawberries, raspberries and currants. The wool clip is some larger than last season. The area of apple and peach orchards is not as large as in 1883. Farmers are generally engaged in tiling their farms, and breeding improved stock is the rule and not the exception.

**LAKE**—There is a fair stand of corn, which ranges in height from four to twelve inches. Corn has made rapid growth during the past two weeks, and with favorable condition will make an average yield per acre. Broom corn and sorghum cane are not quite up to an average in condition. The prospects are favorable for an average yield per acre of wheat, rye and barley.

Oats and flax will make about 85 per cent. of an average yield per acre. Irish potatoes are not quite up to an average in condition. The dry weather has not been favorable for the rapid growth of grass, and meadows and pastures are not up to an average in condition. There was nearly an average crop of strawberries and raspberries; more than three-fourths of a crop of gooseberries; nearly three-fourths of a crop of currants, and more than an average crop of cherries. The 1884 wool clip is not as large as last season. The interest in the improvement of farm animals is increasing each year. A very large amount of tile will be laid in the county this season.

**LA SALLE**—The stand of corn is good and the crop is in good state of cultivation, and, with favorable season, will make an average yield per acre; corn is needing rain; on tiled land corn is much above the average in condition. Broom corn will make over three-fourths of an average yield per acre. Sorghum cane is nearly up to an average in condition. There is much complaint of blight on the wheat in localities; there will be about 85 per cent. of an average yield per acre. Oats and rye are nearly up to an average in condition. There will not be quite an average yield per acre of Irish and sweet potatoes. Grass has not made the usual growth, owing to want of rain, and there will be less than an average yield per acre of hay. There was about an average crop of cherries, gooseberries and currants, and over three-fourths of a crop of raspberries. The wool clip is not quite as large as last season. Area of orchards is not as large as in 1883. The demand for the better breed of farm animals is increasing each year, and good stock is found in every neighborhood. Considerable attention is being paid to tile drainage and the demand for tile is larger each year.

**LAWRENCE**—Corn is small; the stand only medium, but with favorable season there will be an average yield per acre; the same may be said of sorghum cane and broom corn. Some scab reported in wheat; the quality is generally good, and from present prospects there will be nearly two-thirds of an average yield per acre. Rye will make about three-fourths of an average yield per acre. Oats and tobacco are up to an average in condition. There will be nearly an average yield per acre of Irish and sweet potatoes. Meadows and pastures are up to an average in condition. There was one-third of a crop of cherries, and nearly an average crop of strawberries and gooseberries, and an average crop of raspberries and currants. The wool clip is as large as last season. The area of peach and pear orchards is not as large as last season. Marked attention is given to the improvement of farm animals, and there is an increased interest in good stock. Considerable tile has been used in the county, and more will be used this year than heretofore.

**LEE**—The stand of corn is good; the crop has been well cultivated and the prospects are encouraging for more than an average yield per acre; the corn is not quite as large as usual for the first of July. Broom corn is nearly up to an average in condition. Sorghum cane looks well. There will be an average yield per acre of wheat, rye and oats. Tobacco is up to an average in condition. Sweet potatoes look well and Irish potatoes are above an average in condition. Pastures are up to an average in



condition, and meadows will make nearly an average yield per acre; grass would have been improved with more rain. The yield of small fruits this season has been as follows: Cherries, strawberries, gooseberries and currants, more than an average crop; raspberries, an average crop. The 1884 wool clip is as large as last season. Area of peach and pear orchards not as large as in 1883. Nearly every farmer in the county is giving more or less attention to the breeding of improved farm animals. More tile has been laid this season than ever before, and the work of tile drainage has only commenced.

**LIVINGSTON**—Corn on drained land never looked more promising the first of July than this season; corn on wet land is small, weedy, and, in places, scalded; the prospects are encouraging for nearly an average yield per acre. The same may be said of broom corn and sorghum cane. Barley looks well. Wheat, oats and flax are nearly up to an average in condition. Irish potatoes are up to an average in condition, and sweet potatoes will make more than three-fourths of an average yield per acre. Pastures are above an average in condition, and meadows will make nearly an average yield per acre of hay. There was more than an average crop of cherries, strawberries, raspberries and gooseberries, and nearly an average crop of currants. The wool clip is not quite as large as last year. Farmers are giving more attention to the improvement of horses than other stock, and draft horses are in demand. Nearly every farmer is tiling more or less, according to his means.

**LOGAN**—Corn on rolling ground is in splendid condition; corn has generally been well cultivated and the stand gives encouragement for more than three-fourths of an average yield per acre. Sorghum cane is up to an average in condition. There will be nearly an average yield per acre of wheat and rye. Oats are above an average in condition. Sweet potatoes look well and Irish potatoes will make more than an average yield per acre. Meadows and pastures are above an average in condition. There was more than an average crop of strawberries, raspberries and currants, and an average crop of gooseberries, and nearly three-fourths of an average crop of cherries. The wool clip is some larger than last season. The area of pear orchards is not as large as last season. Jersey cattle are growing in favor and a number of farmers are engaged in breeding them; considerable attention is paid to the breeding of colts. More tile laid this season than last year, and the previous results from tiling are inducing farmers to tile as rapidly as their means will permit.

**MACON**—Corn is about up to an average in condition—the crop on drained land will make more than an average yield per acre. Sorghum cane will make about an average yield per acre. Spring wheat is nearly a failure and not one-third of an average yield per acre will be secured. Winter wheat promises but little over half an average yield per acre. Rye and oats are nearly up to an average in condition. Irish and sweet potatoes will make an average yield per acre. Meadows and pastures have seldom been in better condition than this season. There was nearly an average crop of cherries and currants, and more than an average crop of strawberries, raspberries and gooseberries. The wool clip is not quite as large as last season. Tile

drainage is quite general in the county and the work of tiling has been rapidly extended of late. Farmers are largely engaged in breeding improved stock of all kinds.

**MACOUPIN**—Corn on drained land looks well and is in good state of cultivation. The crop on wet land is weedy and will not make more than three-fourths of an average yield per acre. Sorghum cane looks well. Oats are nearly up to an average in condition. Sweet potatoes will make an average crop, and Irish potatoes are nearly up to an average in condition. Meadows and pastures are in excellent condition. There was nearly two-thirds of a crop of cherries; over three-fourths of a crop of currants; nearly an average crop of strawberries and gooseberries, and a large crop of raspberries. The 1884 wool clip is not quite as large as that of the previous season. The area of apple orchards is some larger than in 1884. Peach and pear orchards not as large. There is an increased demand for tile each year, and farmers in all portions of the county are tiling their wet lands as fast as possible.

**MADISON**—Corn is small and the stand uneven owing to the late and unusual amount of replanting. Corn is generally in good state of cultivation and of late has made rapid growth. The prospects are now favorable for more than three-fourths of an average yield per acre. Same may be said of sorghum cane. The quality of wheat is good and there will be about half an average yield per acre. Rye will make over three-fourths of an average yield per acre. Oats are heading out well and will make nearly an average yield per acre. Irish and sweet potatoes are up to an average in condition. Pastures have been affected by the dry weather and are not quite up to an average in condition. Meadows promise more than an average yield per acre of hay. There was about one-fourth of a crop of cherries, and three-fourths of a crop of strawberries, raspberries, gooseberries and currants. The wool clip is as large as last season. The area of apple, peach and pear orchards is not as large as in 1883. Jersey. Shorthorn and Holstein cattle have been introduced into the county and they are increasing in popularity. There is a large tile factory in the county and the local demand for tile is rapidly increasing.

**MARION**—Corn is small owing to late planting—generally well cultivated and with favorable season will make about an average yield per acre. Same may be said of broom corn. Sorghum cane is up to an average in condition. The wheat fields on prairie land are nearly half occupied with cheat—the wheat on timber land is of good quality and will make from 15 to 18 bushels per acre of good quality. Irish and sweet potatoes are nearly up to an average in condition. Oats look well. Pastures are not up to an average in condition owing to the large amount of white clover which has taken possession of some fields. Meadows promise more than an average yield per acre of Hay. There was but few cherries; two-thirds of a crop of strawberries; three-fourths of a crop of raspberries, and nearly an average crop of gooseberries and currants. The wool clip is as large as last season. Area of apple orchards is some larger than in 1883, and the area of peach orchards not as large. Enterprising farmers are giving more attention to the breeding of improved stock than formerly.



Some are experimenting with the tile and the favorable results will induce other farmers to drain their wet land.

**MARSHALL**—Corn is rather small for the season but is in good state of cultivation, and is making rapid growth, and with favorable season will make more than an average yield per acre; same may be said of sorghum cane. There will be more than an average yield per acre of small grain. Irish and sweet potatoes are above an average in condition. Meadows and pastures have seldom been in better condition. There was more than an average crop of strawberries, and nearly an average crop of cherries, raspberries, gooseberries and currants. The wool clip is larger than last season. Area of apple orchards is not quite as large as in 1883. More tile will be put in this season than usual. Farmers are generally improving their live stock, and good sires are in demand.

**MASON**—Corn is a little above an average in stand and growth on drained land; considerable corn damaged on the flat, undrained land by the recent heavy rains; the condition, except as noted, is generally good, and the prospects are favorable for an average yield per acre. Sorghum cane is nearly up to an average in condition. There will be nearly an average yield per acre of winter wheat; there is some complaint of damage to wheat by the scab. Oats are above an average in condition. There will be more than an average yield per acre of Irish and sweet potatoes. Meadows look well, and pastures are above an average in condition. There was an average crop of raspberries, gooseberries and currants, and nearly an average crop of cherries and strawberries. The area of apple and peach orchards is not as large as last season. There is considerable interest manifested in the breeding of Jersey cattle and farm horses. Farmers are beginning to appreciate the importance of the drainage, and extensive ditches are being opened as outlet for tile.

**MASSAC**—Corn is late, owing to the delay in planting; the stand is uneven; the color of late is improving, and farmers are giving the crop good cultivation; the prospects now indicate over three-fourths of an average yield per acre; the same may be said of sorghum cane. The quality of wheat is good, and there will be three-fourths of an average yield per acre of wheat and rye. Oats are nearly up to an average in condition. Tobacco looks well. There will be over three-fourths of an average yield per acre of sweet potatoes, and nearly an average crop of Irish potatoes. Meadows and pastures are not quite up to an average in condition. There were but few cherries, nearly an average crop of strawberries and raspberries, and an average crop of gooseberries. The wool clip is not as large as last season. The area of orchards is nearly as large as in 1883. But little attention is given to tile drainage or the breeding of improved breeds of farm animals.

**MCDONOUGH**—Corn is in good state of cultivation, and the prospects are encouraging for an average yield per acre; the same may be said of sorghum cane. There will be about an average crop of wheat and three-fourths of a crop of rye. Oats are up to an average in condition. Sweet potatoes look well, and Irish potatoes will make more than an average yield per acre. Meadows and pastures are in excellent condition, and there will be more than an

average yield per acre of hay. There was over three-fourths of a crop of cherries, nearly an average crop of raspberries, gooseberries and currants, and an average crop of strawberries. The wool clip is not as large as last season, and there is quite a reduction in the area of orchards compared with 1883. A lively interest is taken in the breeding of the better types of farm animals. Farmers are using tile as fast as the factories can supply the demand.

**McHENRY**—Corn is clean, of good color and growing rapidly, and with favorable season, will make an average yield per acre; same may be said of broom corn. Sorghum cane is nearly up to an average in condition. Prospects are good for more than an average yield per acre of wheat, rye, barley, oats and flax. Sweet potatoes look well and Irish potatoes are nearly up to an average in condition. Pastures are nearly up to an average in condition, and there will be a fair yield per acre of hay. There was an average crop of gooseberries and currants and more than an average crop of cherries, strawberries and raspberries. The wool clip is not as large as last season. All the leading breeds of cattle and other farm stock are receiving attention in the county. Considerable tile has been laid in the county this season.

**McLEAN**—The heavy rains have reduced the prospects for an average yield per acre of corn, and there is complaint that the corn is badly scalded in places. There will be nearly an average yield per acre of wheat and rye. Oats are above an average in condition. Sweet potatoes look well and Irish potatoes are above an average in condition. Meadows and pastures have seldom promised so abundantly as this season. There was over three-fourths of an average yield per acre of cherries; more than an average crop of strawberries, and nearly an average crop of raspberries, currants and gooseberries. The wool clip is not quite as large as in 1883. Area of apple orchards is some larger than in 1883. The interest is increasing in the improvement of all breeds of farm animals. Farmers are largely engaged in tiling, and there is no question as to the profits of investing in tile.

**MENARD**—Corn is generally in good state of cultivation; the stand is fair, and the prospects are encouraging for nearly an average yield per acre. The corn on undrained ground is weedy and of bad yellow color. The condition of broom corn and sorghum cane indicates over three-fourths of an average yield per acre. The quality of wheat is good, and there will be nearly an average yield per acre of wheat, rye and oats. Tobacco will make but little over three-fourths of an average yield per acre. Sweet potatoes look well, and Irish potatoes are above an average in condition. Meadows and pastures are in good order. There was two-thirds of a crop of cherries; nearly an average crop of strawberries, and more than an average crop of raspberries, gooseberries and currants. The wool clip is not as large as in 1883. Farmers are largely engaged in tiling their land, and thorough drainage is the ambition of intelligent and progressive land owners. Considerable attention is being paid to the breeding good cattle, horses, hogs and sheep.

**MERCER**—The stand of corn is good, and the crop has been well cultivated; the prospects are encouraging for more than an average yield of corn per acre. Broom-corn

and sorghum cane are not quite up to an average in condition. Wheat looks well, and rye promises more than three-fourths of an average yield per acre. Oats are above an average in condition. Sweet potatoes look well, and Irish potatoes are up to an average in condition. Timothy crop will be light—clover yield is large; pastures are nearly up to an average in condition. There was more than an average crop of cherries, gooseberries and currants, and nearly an average crop of strawberries and raspberries. The 1884 wool clip is not as large as last season. The interest in the breeding of improved stock is increasing, and pure bred sires are generally used. Farmers are purchasing large quantities of tile, and the wetlands in the county are being rapidly tiled.

**MONROE**—Corn is rather backward in growth; well cultivated, with good season will make an average yield per acre. There will be about an average yield per acre of winter wheat; quality good. Oats are up to an average in condition. There will be an average yield per acre of Irish potatoes. Meadows and pastures are up to an average in condition. There was three-fourths of a crop of cherries, nearly an average crop of raspberries and currants, and an average crop of gooseberries. The area of orchards is not as large as in 1883.

**MONTGOMERY**—Corn is small and the stand is uneven; crop has generally been well worked on drained land, and looks well; the prospects are very favorable for more than three-fourths of an average yield per acre. The same be said of broom-corn and sorghum cane. Wheat is badly mixed with chaff; the quality from fair to good; much of the wheat will be shrivelled, and there will hardly be half an average yield per acre. Rye and barley promise about three-fourths of an average yield per acre. Oats and tobacco are about up to an average in condition. Sweet potatoes look well, and Irish potatoes will make more than three-fourths of an average yield per acre. Meadows and pastures are above an average in condition. There was but few cherries; nearly an average crop of strawberries and currants, and an average crop of raspberries and gooseberries. The wool clip is nearly as large as in 1883. The Norman, Clydesdale and English draft horses are taking the lead in the county—some good specimens of all the breeds of stock are owned in the county.

**MORGAN**—Corn is generally in good condition, growing rapidly, and promises to make nearly an average yield per acre; the first planting did not make much over three-fourths of an average stand. Sorghum cane is in about same condition as corn. Rye looks well. The quality of wheat is good and the prospect is much better for three-fourths of an average yield per acre than predicted. Oats are up to an average in condition. Sweet potatoes look well, and Irish potatoes are above an average in condition. Meadows and pastures are above an average in condition. There was nearly an average crop of cherries and raspberries and more than an average crop of strawberries, raspberries and currants. The wool clip is not as large as last season. Farmers are constantly improving their live stock, and all the leading breeds are well represented in the county. Increased attention is given each succeeding year to tile drainage.

**MOULTRIE**—There has been too much rain for the proper cultivation of corn on

undrained land. The color of corn is generally good, and where well cultivated will make an average yield per acre. Sorghum cane in about same condition as corn. Broom corn will make more than three-fourths of an average yield per acre with favorable season. Wheat is of fair quality, and there will be more than three-fourths of an average yield per acre of wheat and rye. Barley looks well, and oats are nearly up to an average in condition. There will be an average yield per acre of Irish and sweet potatoes. There has seldom been a better prospect for a large yield per acre of hay. Pastures are above an average in condition. There was nearly an average crop of cherries, strawberries, raspberries, gooseberries and currants. The wool clip is nearly as large as last season. The area of apple orchards is not quite as large as in 1883. Shorthorn and Jersey cattle are being introduced, and good bulls are in demand. Clydesdale and Norman horses are quite popular. Farmers are beginning to tile their wet land.

**OGLE**—Corn has generally been well cultivated, and with favorable season will make an average yield per acre. Broom corn will make about three-fourths of an average yield per acre. Sorghum cane is nearly up to an average in condition. Winter wheat and rye will make more than an average yield per acre. Spring wheat, barley and oats are about up to an average in condition. Flax is making good growth, but will hardly make an average yield per acre. Irish potatoes look well, and sweet potatoes are up to an average in condition. Meadows and pastures are above an average in condition. There was about an average crop of strawberries and raspberries, and more than an average crop of cherries, gooseberries and currants. The wool clip is nearly as large as last season. Farmers are improving their stock by the use of the best bred animals that their means will admit of. There is an increased demand for tile each succeeding year.

**PEORIA**—Corn has been well cultivated, the stand is good, and the prospects are encouraging for nearly an average yield per acre. The same may be said of broom corn and sorghum cane. There will be nearly an average yield per acre of winter wheat and rye. Oats are above an average in condition. There will be a large crop of Irish and sweet potatoes. Meadows and pastures are up to an average in condition. There was nearly an average crop of raspberries and currants, an average crop of gooseberries, and more than an average crop of cherries and strawberries. The wool clip is not as large as last season. Area of orchards some larger than in 1883. Farmers are generally improving their live stock, and all the leading breeds are receiving attention. The interest in tile drainage is extending, and there is a large demand for tile in this county.

**PERRY**—Corn is well worked; the stand is fair, and with favorable season there will be nearly an average yield per acre. Sorghum cane is not quite up to an average in condition. The quality of winter wheat and rye is fair, and there will be nearly two-thirds of an average yield per acre. Oats are much above an average in condition. Tobacco looks well. Irish and sweet potatoes will make an average yield per acre. Meadows and pastures are above an average in condition. There was about one-third of a crop of cherries, three-fourths of a crop of currants, and nearly an aver-



age crop of strawberries and gooseberries, and an average crop of raspberries. The wool clip is not as large as last season. Considerable attention is given to improvement in the breeding of cattle, especially of Jerseys. But little drain tile has been used in the county.

PIATT--Corn on drained land is well cultivated, and will make more than an average yield per acre. The crop on flat and wet lands is weedy and near a failure. Broom corn is nearly up to average in condition. Sorghum cane looks well. Rye is nearly up to an average in condition. Winter wheat has made great improvement the past month and will make more than three-fourths of an average yield per acre. Oats are up to an average in condition and flax will make nearly an average yield per acre. Sweet potatoes look well and Irish potatoes will make over three-fourths of an average yield per acre. There was nearly an average crop of strawberries and gooseberries, an average crop of cherries and more than an average crop of raspberries and currants. The wool clip is not quite as large as in 1883. Great interest is taken in the breeding of imported stock, especially horses. Farmers are using tile as rapidly as the factories can fill orders.

PIKE--Corn is small--the stand is good and where well cultivated the crop with favorable season will make an average yield per acre. Broom corn and sorghum cane are up to an average in condition. Wheat has been injured by rust and blight--the quality is inferior and there will not be half an average yield per acre. Oats are above an average in condition. Sweet and Irish potatoes promise a large yield per acre. Meadows have not recovered from the severe freezing weather last winter and will not make an average yield per acre of hay. There was three-fourths of a crop cherries; nearly an average crop of gooseberries and currants, and an average crop of strawberries and raspberries. The wool clip is as large as in 1883. The area of apple and peach orchards is not as large as in 1883. There is an increased demand for sires of the improved breeds. More attention is given to tile drainage each year.

POPE--There has been too much rain for corn and the prospects are not encouraging for more than three-fourths of an average yield per acre; same may be said of sorghum cane. The quality of wheat is good and there will be three-fourths of an average yield per acre. Oats are up to an average in condition. Irish potatoes are nearly up to an average in condition and there will be three-fourths of an average yield per acre of sweet potatoes. Meadows and pastures are up to an average in condition. The 1884 wool clip is as large as that of the previous year. The area of apple and peach orchards is less than last season. Some little attention is given to the improvement of farm animals by a few enterprising farmers.

PULASKI--Corn is small, owing to late planting; the stand is not up to an average and from present prospects there will not be much over three-fourths of an average yield per acre. The quality of wheat is good and there will be an average yield per acre. Oats and tobacco are up to an average in condition. Irish potatoes look well and sweet potatoes will make over three-fourths of an average yield per acre. Pastures are up to an average in condition and

meadows will make more than an average yield per acre of hay. There were but few gooseberries and currants and about an average crop of strawberries and raspberries. Considerable effort is made to improve the breeds of farm animals, especially cattle. But little tile has been laid in the county, although more attention is being given to the subject of drainage.

PUTNAM--There is an excellent stand of corn; the crop has been well cultivated and from present prospects there will be more than an average yield per acre. Sorghum cane is nearly up to an average in condition. There will be nearly an average yield per acre of winter wheat and rye and more than an average yield of spring wheat. Oats are above an average in condition. There will be a large crop of Irish potatoes and nearly an average crop of sweet potatoes. Pastures are above an average in condition and meadows will make more than an average yield per acre of hay. There was nearly an average crop of raspberries and gooseberries; an average crop of currants, and more than an average crop of cherries and strawberries. The 1884 wool clip is nearly as large as that of last season. The interest in breeding improved stock is increasing each year. There is a large demand for drain tile and good drainage is the order of the day with all progressive farmers.

RANDOLPH--The wet weather has interfered with the planting and cultivation of corn and the prospects now indicate some over three-fourths of an average yield per acre. The same may be said of sorghum cane. Broom corn is not looking quite as well as corn. The quality of wheat is good and from present prospects there will be three-fourths of an average yield per acre. Rye will make nearly an average yield per acre. Oats and tobacco are up to an average in condition. Sweet potatoes look well and Irish potatoes are up to an average in condition. Meadows and pastures are above an average in condition. There was nearly half a crop of cherries; nearly an average crop of strawberries and currants; an average crop of raspberries and gooseberries. The late wool clip is not as large as that of 1883. There is an increased demand for all kinds of farm animals, especially of Jerseys.

RICHLAND--The early season for corn was too dry and the weather since has been too wet; the result is a poor stand; the crop is in good state of cultivation, but the plant is rather small and from present prospects will not make an average yield per acre. Sorghum cane looks some better than corn, but from present prospects will hardly make an average yield per acre. The yield per acre of wheat will be better than expected and there will be nearly half an average yield per acre; quality from fair to good. Rye will make nearly an average yield per acre. Oats are nearly up to an average in condition. There will be nearly an average yield per acre of Irish and sweet potatoes. Meadows and pastures are nearly up to an average in condition. There was but few cherries; three-fourths of a crop of strawberries and gooseberries; nearly an average crop of currants, and an average crop of raspberries. The late wool clip is nearly as large as last season. The demand for improved stock is increasing each year. Some have commenced tiling their wet lands and their is more interest in drainage than last season.



**ROCK ISLAND**—Corn has generally been well cultivated and is nearly up to an average in condition; there are more complaints than usual of the corn-root worm injuring the plant. Sorghum cane looks well. Prospects are encouraging for nearly an average yield per acre of wheat, rye, barley and oats. Irish and sweet potatoes are up to an average in condition. Clover meadows will make heavy crop; timothy meadows light yield of hay. There was nearly an average crop of cherries, strawberries and gooseberries, and more than an average crop of raspberries and currants. The 1884 wool clip is not quite as large as that of the previous year. Farmers are making earnest efforts to improve their live stock each year. Intelligent farmers fully appreciate the benefits resulting from drainage and all are tiling as rapidly as their means will permit.

**SALINE**—Corn and broom-corn are nearly up to an average in condition; sorghum cane looks well. Wheat is of fair quality, and there will be about three-fourths of an average yield per acre of wheat and rye. Oats and tobacco are up to an average in condition. Irish and sweet potatoes promise an average yield per acre. Meadows are above an average in condition and pastures look well. There was nearly an average crop of cherries and an average crop of gooseberries, strawberries, raspberries and currants. The wool clip is some larger than that of 1883. There are a number of enterprising farmers making commendable efforts to introduce the improved breeds of domestic animals.

**SANGAMON**—The stand of corn is good; the crop has been well cultivated, and from present prospects there will be about an average yield per acre. The quality of wheat is generally good; in some localities the black rust has injured the wheat; there will be over three-fourths of an average yield per acre. Rye looks well. Oats are above an average in condition. Sweet potatoes look well, and there will be more than an average yield per acre of Irish potatoes. Meadows and pastures have seldom been better than this season; there will be a very heavy hay crop. There was over three-fourths of a crop of cherries, nearly an average crop of raspberries, an average crop of strawberries and gooseberries, and more than an average crop of currants. The late wool clip is some larger than last season. Farmers are generally breeding improved stock, and much attention is given to tile drainage, and all the best methods for increasing the profits of the farm.

**SCHUYLER**—The cool weather has not been favorable for rapid growth of corn, which is not quite up to an average in condition; the insects have troubled corn more this season than usual. Broom-corn looks well, and sorghum cane is nearly up to an average in condition. The quality of wheat will be from fair to good, and from present prospects there will be over three-fourths of an average yield per acre; the wheat midge is injuring the crop in some localities. Rye is nearly up to an average in condition. There will be more than an average yield of oats. There will be nearly an average yield per acre of Irish and sweet potatoes. There will be a fair crop of timothy hay and a large yield per acre of clover; pastures are above an average in condition. There was nearly an average crop of all kinds of small fruits. The late wool clip is not as large as that of 1883. More attention

is given to the improvement of farm animals each succeeding year. More tile has been laid this season than in five previous springs.

**SCOTT**—Corn is rather small for the season, but in good cultivation and growing fast; with favorable season there will be an average yield per acre. The same may be said of broom-corn and sorghum cane. Winter wheat is of fair quality, and there will be nearly three-fourths of an average yield per acre. Rye is nearly up to an average in condition. There will be nearly an average yield per acre of oats. Sweet potatoes look well and Irish potatoes are up to an average in condition. Pastures are above an average in condition and meadows have seldom promised a larger yield per acre in hay. There was one-third of a crop of cherries, over three-fourths of a crop of strawberries, nearly an average crop of raspberries and currants, and more than an average crop of gooseberries. The 1884 wool clip is nearly one-fourth less than last season. There is an increased demand each year for drain tile, and farmers are constantly improving their stock by the use of well bred sires.

**SHELBY**—Corn has never promised a larger yield per acre on drained land than this season, and the prospects are good for an average yield per acre of corn for the county. Broom corn and sorghum cane will make more than three-fourths of an average yield per acre. The quality of winter wheat is good, and there will be three-fourths of an average yield per acre. Rye is nearly up to an average in condition. Oats are above an average in condition. Tobacco looks well. There will be nearly an average yield per acre of Irish and sweet potatoes. Meadows and pastures are above an average in condition. There was over three-fourths of an average crop of cherries, an average crop of strawberries, and more than an average crop of raspberries, gooseberries and currants. The late wool clip is as large as that of 1883. There is an increase in the area of apple and peach orchards. Considerable attention is given to the improvement and breeding of Norman horses, Hereford and Short-horn cattle. Tile-makers can hardly supply the demand for tile.

**STARK**—The stand of corn is good; the crop has been well-cultivated and, judging from present prospects, there will be more than an average yield per acre. Complaint is made of a worm injuring the center of the corn-stalk. Broom corn and sorghum cane are up to an average in condition. There will be about an average yield per acre of rye, winter and spring wheat, barley and flax. Oats are above an average in condition. Tobacco looks well. Sweet potatoes are nearly up to an average in condition, and prospects are good for more than an average yield per acre of Irish potatoes. Meadows and pastures are up to an average in condition. There was a large crop of all kinds of small fruits. The late wool clip is nearly as large as last season. Area of apple orchards is not as large as in 1883. Increased attention is given each succeeding year to the improvement of farm animals. The work of tiling is being extended as rapidly as the factories can supply the demand.

**ST. CLAIR**—Much of the seed corn failed to germinate owing to the unfavorable season, and the stand is not up to an average,

and from present prospects there will not be much over three-fourths of an average yield per acre. Wheat is of fair quality, and there will be nearly three-fourths of an average yield per acre. There is an unusually large amount of chaff in the wheat. Rye is nearly up to an average in yield per acre. Oats are nearly up to an average in condition; the ground was generally too wet at seeding time. There will be three-fourths of an average yield per acre of Irish and sweet potatoes. Timothy meadows are not as heavy as usual. Pastures are up to an average in condition. There was two-thirds of a crop of cherries, over three-fourths of a crop of strawberries, nearly an average crop of gooseberries and currants, and a good crop of raspberries. The wool clip is nearly as large as in 1883. The area of apple orchards is not as large as in 1883. Farmers are giving more attention than heretofore to the breeding of improved stock, and tile is in great demand.

**STEPHENSON**—The stand of corn is good, and the crop is well cultivated; prospects are encouraging for nearly an average yield per acre of corn. Sorghum cane and broom corn are up to an average condition. Winter wheat and rye are nearly up to an average in condition. Spring wheat, barley and oats are above an average in condition. Tobacco will make over three-fourths of an average yield per acre. Sweet potatoes look well, and Irish potatoes will make nearly an average yield per acre. Meadows and pastures are above an average in condition. There was nearly an average crop of gooseberries, and more than an average crop of other kinds of small fruits. The wool clip is nearly as large as in 1883. Some tile has been laid, and farmers are largely engaged in breeding improved farm animals.

**TAZEWELL**—The stand of corn is good, and the crop has been well cultivated, and with favorable season there will be more than an average yield per acre. Broom corn and sorghum cane are up to an average in condition. Wheat is of good quality, and there will be nearly an average yield per acre of winter wheat and rye. Oats are above an average in condition. Sweet potatoes are doing well, and Irish potatoes are nearly up to an average in condition. Meadows and pastures are in excellent condition, and there will be more than an average yield per acre of hay. There was two-thirds of a crop of cherries, three-fourths of a crop of gooseberries, and nearly an average crop of strawberries, raspberries and currants. The wool clip is as large as that of 1883. Every farmer is tiling that can raise money or get credit for the purchase of tile. Farmers are generally engaged in raising the improved breeds of farm animals.

**UNION**—Considerable portion of the corn was planted late and is small; the crop has generally been well cultivated, and with favorable season will make nearly an average yield per acre; the same may be said of sorghum cane and broom corn. Wheat is of good quality, and will make an average yield per acre. Rye is nearly up to an average in condition. Barley and oats will make an average yield per acre. Tobacco is nearly up to an average in condition. There will be nearly an average yield per acre of Irish and sweet potatoes. Meadows and pastures are up to an average in condition. There was less than half an average crop of cherries, about two-thirds

of a crop of strawberries, over three-fourths of a crop of gooseberries, nearly an average crop of raspberries, and an average crop of currants. The 1884 wool clip is nearly as large as last season. Area of orchards is less than in 1883. Improved breeds of farm animals are being introduced into the county, and more attention is given to stock breeding than heretofore.

**VERMILION**—Corn is in fine condition—rather small, owing to late planting, but now making rapid growth, and with favorable season will make more than an average yield per acre. Broom corn and sorghum cane are up to an average in condition. Wheat is of good quality, and there will be nearly two-thirds of an average yield per acre. Rye promises over three-fourths of an average yield per acre; the prospects in July have never been more promising for a large yield per acre than this season. Sweet potatoes look well, and there will be more than an average yield per acre of Irish potatoes. Meadows and pastures are much above an average. There was three-fourths of a crop of cherries, an average crop of raspberries, gooseberries and currants, and more than an average crop of strawberries. The wool clip is nearly as large as last season. The area of orchards is not as large as last season. Few farmers raise other than improved stock. Farm and road drainage is extensively carried on in all parts of the county.

**WABASH**—Corn is late and the stand uneven, owing to the extreme wet weather, followed by dry spell; there was much inferior seed planted; with favorable conditions there will be nearly an average yield per acre; the same may be said of sorghum cane. There will be nearly three-fourths of an average yield per acre of winter wheat; the quality is from fair to good. Oats are nearly up to an average in condition. Tobacco looks well. Irish and sweet potatoes are nearly up to an average in condition. Pastures and meadows are nearly up to an average in condition. There were but few cherries, three-fourths of a crop of strawberries, and nearly an average crop of raspberries, gooseberries and currants. The 1884 wool clip is nearly as large as last season. Farmers are making but little progress in improving the live stock of the county; more interest has been manifested in good stock of late years than heretofore.

**WARREN**—Corn is making rapid growth, and with continued favorable season will make a large average yield per acre. Broom corn and sorghum cane is up to an average condition. Rye looks well and there will be nearly an average yield per acre of winter and spring wheat. Oats are above an average in condition. Tobacco looks well. There will be more than an average crop of Irish potatoes, and a full crop of sweet potatoes. Pastures are in fine condition, and there will be more than an average yield per acre of hay. There was about an average crop of gooseberries, and more than an average crop of cherries, strawberries, raspberries and currants. There is quite a decrease in the wool clip of the county, when compared with that of the previous season. There are few counties in the State where more attention is paid to breeding good stock, or the improved methods of farming.

**WASHINGTON**—Corn is in good condition, and from present prospects there will



be more than an average yield per acre. Sorghum cane is nearly up to an average in condition. There will be about three-fourths of an average yield per acre of winter wheat and rye. Prospects are encouraging for more than an average yield per acre of oats. Tobacco will make over three-fourths of an average yield per acre. Sweet potatoes look well, and Irish potatoes are above an average in condition. Pastures are above an average in condition, and meadows promise an average yield per acre of hay. There was one-fourth of a crop of cherries, nearly half a crop of strawberries, over three-fourths of a crop of raspberries and an average crop of gooseberries and currants. The wool clip is nearly as large as that of 1882. There is a large reduction in the area of orchards since last season. But little attention is given to the improved breeds of farm animals although there is an increased interest manifest in this direction of late.

**WAYNE**—There was an unusual amount of replanting this season, owing to the unfavorable season and in many cases poor seed. The present prospects give encouragement for about three-fourths of an average yield per acre of corn, the same may be said of broom corn and sorghum cane. The quality and yield per acre of winter wheat far exceed expectation, and there will be nearly two-thirds of an average yield per acre. Rye will make three-fourths of an average yield per acre. Oats and tobacco are nearly up to an average in condition. Sweet potatoes look well, and there will be an average yield per acre of Irish potatoes. Meadows and pastures are above an average in condition. There was less than half an average crop of cherries and nearly an average crop of other kinds of small fruits. The area of orchards is not as large as last season. A number of enterprising farmers have recently purchased some improved stock, and the interest in breeding good stock is increasing in all parts of the county.

**WHITE**—Corn is small for the season but in good state of cultivation, and since the warm weather has made rapid growth; the prospects are encouraging for three-fourths of an average yield per acre. Broom corn and sorghum cane are in the same condition as corn. The quality of wheat is better than expected, and there will be nearly two-thirds of an average yield per acre. Rye will make three-fourths of an average yield. Oats and tobacco are nearly up to an average in condition. Irish potatoes look well, and sweet potatoes are nearly up to an average in condition. The dry weather was not favorable for the growth of grass, and meadows and pastures are not up to an average in condition. There was nearly one-third of a crop of cherries; nearly an average crop of raspberries and gooseberries, and an average crop of strawberries and currants. The 1884 wool clip is nearly as large as last season. The area of peach orchards is not as large as in 1883. Farmers are beginning to take more interest in breeding improved stock. Considerable attention is paid to tile drainage, and all who have experimented are pleased with the results.

**WHITESIDE**—Corn is generally in good state of cultivation, but small for the season, and with the most favorable weather will hardly make an average yield per acre. Broom corn and sorghum cane look well. Rye is nearly up to an average in condition. Spring wheat and oats will make more

than an average yield per acre. Barley looks well. Irish and sweet potatoes are nearly up to an average in condition. Meadows and pastures are above an average in condition, and hay will be of good quality. There was more than an average crop of all kinds of small fruits. The 1884 wool clip is not as large as last season. The area of apple orchards is not as large as last season. There has been a decided improvement in the quality of farm animals of late years, and all the intelligent farmers of the county have found that there is no profit in raising scrub stock. A large quantity of tile is laid in this county each year, and the interest in drainage is increasing.

**WILL**—Corn is generally small; in fair state of cultivation, and with favorable season will make nearly an average yield per acre. Sorghum cane promises over three-fourths of an average yield per acre. There will be nearly an average yield per acre of wheat. Rye is up to an average in condition. The cold, wet season has not been favorable for the oats and barley, and from present prospects there will not be much over three-fourths of an average yield per acre. Flax is nearly up to an average in condition. Tobacco will make but little over three-fourths of an average yield per acre. Sweet potatoes look well, and Irish potatoes are nearly up to an average in condition. There will not be an average yield per acre of hay. Pastures are short. There was over three-fourths of a crop of currants; nearly an average crop of raspberries, and an average crop of other varieties of small fruits. The wool clip is not as large as in 1883. There is quite a reduction in the area of apple orchards when compared with 1883. There are few counties in the State in which farmers give more attention to the breeding of improved stock than Will county.

**WILLIAMSON**—It was too wet for corn early in the season, and until late it has been too dry; the result is lack of needed cultivation, and prospects for but little over three-fourths of an average yield per acre. Sorghum cane and broom corn will make but little over three-fourths of an average yield per acre. The yield and quality of wheat are better than expected earlier in the season; the yield is estimated at three-fourths of an average yield per acre. There has been so much rain since harvest that some have had to distribute the sheaves of wheat to let it dry out. Oats are above an average in condition. Tobacco looks well. Irish potatoes are above an average in condition, and sweet potatoes will make an average yield per acre. Pastures are good, and meadows promise more than an average yield of hay per acre. There was half a crop of cherries, two-thirds of a crop of raspberries, three-fourths of a crop of currants, and nearly an average crop of strawberries. The late wool clip is not as large as that of last season. Farmers are making earnest efforts to improve the quality of their live stock.

**WINNEBAGO**—The stand of corn is good, and the crop is more advanced in growth than last season at corresponding date; with favorable season there will be more than an average yield per acre of corn. Sorghum cane is up to an average in condition. Spring wheat is up to an average in condition, and there will be more than three-fourths of an average yield per acre of winter wheat and rye. Barley and oats



are nearly up to an average in condition. There will be nearly an average yield per acre of Irish potatoes. Grass has seldom made a more luxuriant growth, and meadows and pastures are much above an average in condition. There was two-thirds of an average crop of currants, nearly an average crop of gooseberries, and more than an average crop of other kinds of small fruits. The wool clip is not as large as that of 1883. Considerable attention is being paid to the improvement of all the leading breeds of farm animals.

WOODFORD—Corn is in good state of cultivation; the stand is above an average, and from present prospects there will be more than an average yield per acre of corn. Sorghum cane looks well, and broom

corn is above an average in condition. There have seldom been better prospects for grain, and wheat, rye, barley and oats will make more than an average yield per acre. Irish and sweet potatoes are above an average in condition. Pastures are in excellent condition, and there will be more than an average yield per acre of hay. There was nearly an average crop of raspberries and gooseberries, an average crop of currants, and more than an average crop of cherries and strawberries. The 1884 wool clip is nearly as large as that of last season. The area of apple orchards is not as large as that of 1883. The more intelligent and enterprising farmers of the county are making earnest efforts to improve live stock. Farmers are largely engaged in tiling their wet lands.



Station	760	700	30.170	29.680	93.50	52.00	72.75	SE	5	3.49	4
Christian.....								S	4	3.96	12
Macoupin.....											
Bunker Hill.....											
Average.....			30.257	29.738	30.060	91.91	51.55	71.11	4	5.60	12
							74.90				13
SOUTHERN DIVISION.											
Crawford.....											
Palestine.....											
Bond.....											
Greenville.....											
Madison.....											
Collinsville.....											
Marion.....											
Centralia.....	492										
St. Clair.....											
Masscutah.....											
Perry.....											
Swanwick.....											
McLeansboro.....											
Anna.....											
Union.....											
Hamilton.....											
Pope.....	630		30.210	29.760	29.970	92.50	55.00	73.68	3	5.27	12
Golconda.....											
Cairo.....	377		30.208	29.712	30.000	92.00	57.00	73.94	4	7.52	15
Average.....											
			30.209	29.736	29.985	94.05	53.88	73.35	4	5.71	13
State Average.....			30.169	29.662	29.952	92.26	51.35	71.08	4	5.04	11

\*WIND.—Maximum velocity or force is estimated as follows: 1. Very light breeze, varies between 1 and 2 miles per hour. 2. Gentle breeze varies between 3 and 5 miles per hour. 3. Fresh breeze, varies between 6 and 14 miles per hour. 4. Strong wind, varies between 15 and 29 miles per hour. 5. High wind, varies between 30 and 39 miles per hour. 6. Gale, varies between 40 and 59 miles per hour. 7. Strong gale, varies between 60 and 69 miles per hour. 8. Violent gale, varies between 70 and 79 miles per hour. 9. Hurricane, varies between 80 and 99 miles per hour. 10. Most violent hurricane, varies from 100 upwards.

+Report covers first 20 days after June.



*Distribution and amount of precipitation for June, 1884, reported to the Illinois Department of Agriculture by Volunteer and Signal Service Observers.*

RAINFALL OR MELTED SNOW, IN INCHES AND HUNDRETHS, ON DAYS IT OCCURRED.																														
STATIONS.																														
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Total
NORTHERN DIVISION.																														
County, Postoffice.																														
Marengo.....	10	35	.04	12				1.41						.34	.04	.41	.03			.23	.70		1.01	.01						4.22
Ogle.....	1.23							.85						.20	.35	.72	.01	.60	.59			.40	.30							4.30
DeKalb.....	.30	35	.45	.05			.40										.29													4.53
Cook.....	.09	55	.22														.14	.14	.01	.18	.53	.02	.01	.37						2.11
Kane.....	.07	13	.17	.03	14			.04						.25	.25	.06	.25	.05	.25	.03	.05	.02		.57						2.18
Lee.....	.65	35						.45									1.00	.25		1.14			.45							3.35
Whiteside.....	.21	2.55	.03	.02				.12																						4.83
Rock Island.....																				.43	.04	.04	1.10							5.07
Warren.....	.20	1.36	.28		.40		.80	.34						.25	.25	.07	.55			.83			.05							3.87
Peoria.....	.48	.66	.05	.02	.04	.05	.68	.14																						3.83
Average.....																														
CENTRAL DIVISION.																														
County, Postoffice.																														
*Logan.....	61	50	15				35	2.37	.39							.25	.25	.65				1.15	.70		.45					5.22
Atlanta.....	.85	10	15	.25			.30	.72	.97	1.00	.60	.25								.60										9.35
Petersburg.....	.04	64	17	.19				1.72	.77	.31							1.96			.01			.02	.01						6.20
Sangamon.....	.04	.43	.28	.14	.03			1.09	2.16	.23							.21	.16	.08			.10		.14	.11					5.20
Griggsville.....																														6.88
Pike.....	.81	15	.18	.32	.22		.40	.63	.88	.60							1.46						.96	.01	.26					2.39
Coles.....						.06	1.50																							3.96
Mattoon.....	1.00	12																												
Christian.....																														
Pana.....																														
Bunker Hill.....	.02	.67	.28				1.00	.37	.23				.10	.26			.03			.75			.21	.04						
Average.....																														
SOUTHERN DIVISION.																														
County, Postoffice.																														
Crawford.....				.35	.80	.75		.50	1.13	.02			.01		.80			.73				1.00		1.00	.25					5.09
Palatine.....	1.50	.05		1.00				1.05	1.00									.50												8.15
Greenville.....	.02	1.51	.02	.18				.60	.45	.21			.11	.02				.11					.31	.18	.01					9.75
Collinsville.....																														
Madison.....																														
Marion.....																														
Centralia.....																														
St. Clair.....	.50	.30	10	.20	.60	.10	.80	10	1.10				.10	.20	.20		.40						.60	.40						5.50
Mascoutah.....																														
Perry.....	.97	1.02	.43	.05	.06			1.13	.51				.90	.13	.05	.31							.10							5.66
Swanwick.....	.34		1.36	.45	.53	.30		.64	.70	.02		.09	.77										.04							5.27
McLeansboro.....	.93	.29	2.15		.54			.66	.24				.14	.27	.15	.17							.46	.65			.43			7.55
Anna.....																														
Pope.....	.42	.08	.75	.83	.34	.53		.48		.33												.10								01.52
Golconda.....																														
Alexander.....	.81	.05	.60	.21	.01			.22	.02	.01		.02		.20	.07		.01													2.95
Cairo.....																														
Average.....																														

\*Report covers only first 20 days of June.

## REMARKS FOR JUNE.

**McHENRY COUNTY**—JNO. W. JAMES, Observer, Marengo. Highest thermometer, 87° 1 on the 30th; lowest, 45° 8 on the 11th. Highest daily mean, 76° 2 on the 30th; lowest daily mean, 51° 7 on the 9th. The mean temperature of the month, 66° 1, is just the average of June for 23 years past. June, 1873, was the warmest, 72° 4; June, 1869, was the coolest, 63° 9. The total precipitation, 4.22 inches, is but 0.12 inches above the average for the same period. June, 1868, was the wettest, 9.17 inches, and June, 1863, the driest, 0.64 inches. Rain fell on 11 days. Between 12 M., June 24, and 12 M., June 25, the thermometer fell nearly 30°. Faint lunar halo on the 3d. Solar halos June 8th and 22d. The winds for the month were north 5 times, northeast 30, east 13, southeast 5, south 7, southwest 26, west 2, northwest 1, and calm 1 time. There were 10 clear, 12 fair, and 8 cloudy days.

**OGLE COUNTY**—H. B. SWENEY, Observer, Polo. Thunderstorms on the 1st and 18th. Hail on the 1st and 18th. Highest temperature of the month, 95° on the 21st, 29th and 30th; lowest, 46° on the 10th. Highest daily mean, 77° 50 on the 30th, and lowest, 57° 25 on the 10th and 26th. The mean temperature of the month, 67° 49, is 1° 64 above the mean of June, 1883. Rain fell on 5 days, the precipitation being 4.30 inches, which is 0.03 inches less than June, 1883. Lightning and distant thunder June 12, 19, 20, 21, 22, 23 and 24. There were 10 clear, 11 fair, and 9 cloudy days. Heavy fogs June 6, 7, 20 and 21. The wind was from the northeast 9 times, east 3, southeast 3, south 2, southwest 10, west 1, and northwest 2 times.

**DEKALB COUNTY**—ROSWELL DOW, Observer, Sycamore. Highest temperature, 89° on the 29th; lowest, 52° on the 10th. Highest daily mean temperature, 77° 70 on the 30th; lowest daily mean, 52° 70 on the 9th. At 5:15 A. M. on the 11th, the thermometer registered only 42°. No frost at Sycamore, but reported near there. The mean temperature of the month was 66° 28. Rain fell on 13 days. Thunderstorms June 1, 2, 4, and from 17th to 24th inclusive. Total precipitation during month, 4.53 inches. There were 8 clear, 13 fair and 9 cloudy days. Wind was north once, northeast 29, east 8, southeast 18, south 17, southwest 10, west 1, northwest 1, and calm 6 times.

**COOK COUNTY**—T. B. JENNINGS, Sergeant Signal Corps, U. S. A., Chicago. Highest barometer, 30.260; lowest, 29.703. Highest daily mean, 30.234; lowest daily mean, 29.758. Highest temperature, 86° 4; lowest, 47°. Highest daily mean temperature, 78° 8, on the 23d; lowest daily mean, 52° 1, on the 10th. The mean temperature of the month, 65°, is 1° 3 below the June mean of the past 13 years. Rain fell on 6 days. The total precipitation, 2.11 inches, is 2.07

inches below the precipitation for the same period, only June, 1873, being drier, 1.44 inches. Thunderstorms June 1, 2, 4, 22. Hail on the 2d. There were 9 clear, 13 fair and 8 cloudy days. The prevailing direction of the wind was north; the total movement for the month, 4,496 miles.

**KANE COUNTY**—M. M. ROBBINS, Observer, Aurora. Highest barometer, 30.230; lowest, 29.680. Highest daily mean barometer, 30.190, on the 14th; lowest, 29.710, on the 9th and 24th. Highest temperature, 94°, on the 30th; lowest, 52°, on the 10th. Highest daily mean temperature, 81°, on the 23d and 30th; lowest, 55° 66 on the 9th. Rain fell on 14 days, the precipitation being 2.13 inches. Thunderstorms on June 1, 3, 4, 17, 18, 20, 21, 22. High winds (5) on the 4th and 9th. Winds for the month were from the north 8 times; northeast, 20; east, 15; southeast, 18; south, 16; southwest, 7, and west, 6 times.

**LEE COUNTY**—MATTHIAS SCHICK, Observer, Prairieville. Highest barometer during the month, 30.200; lowest, 29.640. Highest daily mean barometer, 30.171, on the 28th; lowest daily mean, 29.700, on the 9th. Highest temperature, 90°; lowest 56°. Highest daily mean temperature, 80° 20 on the 30th; lowest daily mean, 59°, the 9th. Rain fell in appreciable quantities on 11 days. Thunderstorms June 1, 18, 20, 21, 22 and 24. The total rainfall was 3.35 inches. The greatest velocity of wind was 39 miles an hour, from the north, at 9 P. M. of the 9th. The total movement of the wind during the month was 3,408 miles. Of 90 observations of the wind, it was north 5 times; northwest, 2; east, 23; south, 28; southwest, 4, and calm 28 times. Solar halo on the 6th.

**WHITESIDE COUNTY**—S. A. MAXWELL, Observer, Morrison. Highest temperature during month, 88°; lowest, 50°, at sunrise. Highest daily mean temperature, 70° 25, on the 30th; lowest daily mean, 55° 25, the 9th. The mean temperature of the month, 68° 04 is 1° 08 below the June average of 10 years past and the rainfall, 4.83 inches, is 1.02 inches less than the mean rainfall for the same period. Rain fell on 9 days during the month. Thunderstorms on the 1st, 18th, 21st and 24th. Prevailing wind, southeast; maximum velocity, 6. Of 90 observations, 45 were clear, 19 fair and 26 cloudy.

**WARREN COUNTY**—SMITH & DUNBAR, Observers, Monmouth. Highest barometer, 29.700; lowest, 29.210. Highest daily mean barometer, 29.680, on the 14th and 28th; lowest daily mean, 29.280, on the 9th. Highest thermometer, 94°; lowest, 45°. Highest daily mean, 83°, on the 30th; lowest daily mean, 60°, on the 10th. Rainfall on 14 days during the month. Thunderstorms June 1, 5, 7, 18, 21, 22, 23, 24. Total precipitation, 5.11 inches. Prevailing wind, southeast. Direction of winds, north 4 times; northeast, 20; east, 16; southeast, 21; south, 14; southwest, 11; west 4 times.



**PEORIA COUNTY—FRED. BRENDL**, Observer, Peoria. Highest barometer, 29.816, on the 27th; lowest, 29.327, on the 9th. Highest daily mean, 29.788, on the 27th; lowest daily mean, 29.389, on the 9th. Highest thermometer, 94°, on the 30th; lowest, 50°, on the 10th. Mean temperature of the month, 73°. Rain fell on 14 days, the precipitation being 3.87 inches. Thunderstorms June 1, 8, 19, 21. Prevailing wind, south. Maximum velocity 5, (between 30 and 39 miles per hour), from the northeast, at 9 P. M. of the 9th.

**LOGAN COUNTY—R. W. BURT**, Observer, Atlanta. (Report covers first 20 days of the month only.) Thunder-storms on the 3d, 7th, 8th and 20th. Highest temperature, 88° on the 1st, 17th and 18th, and lowest, 54° on the 10th. Highest daily mean temperature, 75°, on the 19th and 20th, and lowest daily mean, 58°, on the 9th..

**MENARD COUNTY—J. D. WHITLEY**, Observer, Petersburg. Highest daily mean barometer, 30.403, on the 27th; lowest daily mean, 29.970, on the 9th. Highest daily mean temperature, 79.5°, on the 30th; lowest daily mean, 58.5°, on the 10th. Rain fell on 16 days during the month, the total precipitation being 9.35 inches. The greatest rainfall was on the 19th, when 1.50 inches fell in 3 hours. The heaviest rains of the month were purely local, not extending over 2 miles in any direction. Thunder storms June 1, 4, 7, 8, 18, 19, 22, 23, 24. Heavy fog morning of the 3d. Of the 90 observations of the wind, it was form the north 9 times; northeast, 17; east, 7; southeast, 23; south, 13; southwest, 11; west, 2, and northwest, 8 times.

**SANGAMON COUNTY—W. NORRINGTON**, Sergeant Signal Corps U. S. A., Springfield. Highest barometer, 30.218, on the 28th; lowest, 29.653, on the 9th; highest daily mean, 30.171, on 27th and 28th; lowest daily mean, 29.734, on the 9th. Highest thermometer, 90.8°, on the 22d; lowest, 50.9°, on the 10th. Highest daily mean, 79.3°, on the 22d; lowest daily mean, 58.8°, on the 10th. There were 5 clear, 13 fair, and 12 cloudy days. Rain fell on 13 days. Precipitation of the month, 6.20 inches, which is 3.26 inches above the June average of the past 5 years. Thunderstorms June 5, 7, 8, 9, 19, 20, 21, 22, 23 and 24. The prevailing direction of the wind was south, and the total movement movement 4,248 miles. The highest velocity during the month was 29 miles per hour, from the northwest, on the 8th,

**PIKE COUNTY—A. MONROE**, Observer, Griggsville. Highest barometer, 30.220; lowest, 29.750. Highest daily mean barometer, 30.190 on the 27th; lowest daily mean, 29.830 on the 9th. Highest temperature, 92° on the 23d; lowest, 52° on the 11th. Highest daily mean, 77° on the 22d, 23d and 30th. Rain fell June 1, 2, 3, 4, 5, 7, 8, 9, 19, 20, 21, 23, 24, 25, the total precipitation being 5.20 inches. Thunder-storms June 2, 3, 4, 5, 7, 8, 19, 20, 21, 23 and 24. Of 90 observations of the wind, it was from northeast 33 times, east 5, southeast 16, south 14, southwest 15, west 3, and northwest 4 times.

**COLES COUNTY—WM. DOZIER**, Observer, Mattoon. Highest temperature, 94° on the 23d; lowest, 52° on the 10th. Highest daily mean, 82° on the 22d; lowest daily mean, 57° on the 11th. The mean temperature of the month, 72°, was 0°45 below the mean for the month during the past five years. Precipitation for the month, 6.88 inches, which is 1.83 inches more than the June average for the past five years. Rain

fell on 13 days. Thunder-storms on the 3d, 19th, 24th and 30th. Wind was from the north 6 times, south 15, east 4, west 2, northeast 15, northwest 1, southeast 17, southwest 2, and calm 28 times.

**CHRISTIAN COUNTY—J. K. EBERLE**, Observer, Pana. Highest temperature during month, 93.50 on the 23d; lowest, 52° on the 10th. Rain fell on 9 days, on 6 of which it was accompanied by thunder. The precipitation was 2.93 inches. The wind was north at 3 observations, northeast at 18, southeast 36, south 17, southwest 6, west 1, and northwest at 9 observations. Winds followed by rain south, southeast and southwest; by clear or fair weather, south, southeast and northeast.

**MACOUPIN COUNTY—F. C. ZIMMERMAN**, Observer, Bunker Hill. Highest barometer, 30.170 on the 17th; lowest, 29.680 on the 9th. Highest daily mean barometer, 30.150 on the 17th; lowest daily mean, 29.730 on the 9th. Highest temperature, 95.1° on the 22d; lowest, 50° on the 10th. Highest daily mean temperature, 78° on the 23d and 30th, and lowest daily mean, 59.3° on the 10th. Greatest daily range of temperature, 32° on the 30th, and least daily range, 13° on the 4th. Prevailing wind, south. Maximum force, 4. There were 12 rainy days during the month, when 3.96 inches of rain fell. Thunder-storms June 2, 4, 8, 22.

**CRAWFORD COUNTY—J. E. TEMPLETON**, Observer, Palestine. Thunderstorms on the 3d, 8th, 9th, 19th and 24th. Hail on the 8th. Highest temperature, 97°, on the 23d, and lowest, 58°, on the 4th. Highest daily mean temperature, 82.50, on the 23d, and lowest daily mean, 61°, on the 10th. Distant thunder in south, southwest and west, 2 to 9 P. M., on the 5th; diffuse lightning in northwest, 8:45 to 10:15 P. M., on the 7th. Distant thunder in northwest from 4:30 to 6:30 A. M.; in the east from 6 to 8:30 P. M. Distant thunder in the north and northwest from 3:20 to 4 P. M. on the 30th.

**BOND COUNTY—JOHN B. WHITE**, Observer, Greenville. Highest thermometer, 97°; lowest, 53°. Highest daily mean temperature, 86°, on the 23d; lowest daily mean, 58.50, on the 10th. Mean temperature of the month, 73.92. Rain fell on 10 days. Thunderstorms June 2, 10, 16, 19, 21, 22 and 24. Total precipitation, 8.15 inches. Prevailing wind of the month, southeast. At 90 observations of the wind, it was north 15 times, northeast 7, east 13, southeast 37, south 8, southwest 5, west 3, and northwest 2 times.

**MADISON COUNTY—J. L. R. WADSWORTH**, Observer, Collinsville. Highest temperature during month, 93°, on the 23d; lowest, 52°, on the 10th. Mean temperature, 72.34, is 2°66 below average. Rainfall on 13 days, the precipitation being 3.73 inches, which is 1.75 inches below average. Thunderstorms June 2, 3, 8 and 19. Rainfall for the first six months of 1884, is 2.67 inches below the average.

**ST. CLAIR COUNTY—G. E. LEIBROCK**, Observer, Mascoutah. Highest temperature during month, 94°; lowest, 48°. Thunderstorms June 1, 2, 3, 5, 6, 8, 9, 15, 19, 24, 25 and 28. Rain fell on 14 days, the precipitation being 5.50 inches.

**PERRY COUNTY—J. C. ELLIOTT**, Observer, Swanwick. Highest temperature for the month, 91°, on the 23d; lowest, 53°, on the 10th. Highest daily mean, 82.2°, on the 23d; and lowest daily mean, 56.5°, on the



10th. The monthly mean,  $71^{\circ}.8$ , is  $1^{\circ}.4$  below the mean of the past three years. Rain fell on 12 days. Thunder-storms June 3, 5, 7, 9, 15, 19, 22, 24, 25, 30. The precipitation of the month, 5.66 inches, is 0.96 inches above the June average of three years past. Prevailing winds, south 21 times, southeast 20.

**HAMILTON COUNTY**—WM. P. GIBBS, Observer, McLeansboro. Highest thermometer,  $98^{\circ}$ , on the 23d; lowest,  $54^{\circ}$ , on the 3d. Highest daily mean,  $82^{\circ}.2$ , on the 23d; least daily mean,  $57^{\circ}$ , on the 10th. Average temperature of the month,  $73^{\circ}.70$ . Greatest daily range,  $27^{\circ}$ , on the 23d; and least daily range,  $4^{\circ}$ , on the 10th. Rain fell on 12 days during the month. The precipitation was 5.27 inches, of which 5.20 fell during the first 15 days. Hail on the 3d. Thunder-storms June 3, 5, 6, 7, 8, 9, 14, 15, 19, 20, 22, 23, 25, 28, 29, 30. The thunder was usually so light as scarcely to be called a storm; but one house, a mile and a quarter north-east of town, was struck by lightning on the 13th. No one was hurt, and but little damage was done. The wind was north 4 times, northeast 11, east 15, southeast 17, south 5, southwest 3, west 1, and northwest 6 times; calm at 28 observations.

**UNION COUNTY**—JNO. D. NEWBEGIN, Observer, Anna. Highest barometer, 30.210; lowest, 29.760. Highest daily mean, 30.160, on the 16th; lowest daily mean, 29.790, on the 9th. Monthly mean, 29.970. Highest temperature,  $92^{\circ}.5$ ; lowest,  $55^{\circ}$ . Highest daily mean,  $85^{\circ}$ , on the 23d; lowest daily mean,  $57^{\circ}$ , on the 10th. The mean temperature of the month,  $73^{\circ}.68$ , is  $2^{\circ}.16$  below the average of 10 Junes past. June, 1881, was the warmest,  $76^{\circ}.60$ ; and June 1875, was the coolest,  $71^{\circ}.07$ . Rain fell on 15 days during the month. The precipitation, 7.55 inches, is 1.51 inches above the June average for the past 10 years. June, 1883, was the wettest, the rainfall being 8.21 inches; and June, 1882, the driest, 3.04 inches. Thunder-storms June 3, 4, 9, 13, 14, 15, 19, 24, 25, 28, 29. On the 24th the lightning struck a storehouse

at Jonesboro, destroying a brick flue and injuring a child. Prevailing winds of the month were northeast and south.

**POPE COUNTY**—J. E. Y. HANNA, Observer, Golconda. Highest temperature of the month,  $92^{\circ}$  on the 21st and 22d; lowest  $57^{\circ}$  on the 10th. Highest daily mean temperature,  $84^{\circ}$  on the 22d; lowest daily mean,  $58^{\circ}$  on the 10th. The mean temperature of the month,  $73^{\circ}.94$ , is lower than any June during six years past, with the exception of 1883. Rain fell on 15 days. Thunder-storms June 5, 23, 28, 29. Distant lightning on the 8th. The rainfall 7.52 inches, exceeding the average of the past 6 Junes by 2 inches. Hazy or smoky on the 12th. Wheat harvest began June 19. The wind was north at 5 observations, northeast at 18; east 12; southeast 8; south 1; west 6; northwest 7 and calm 34 times. Winds followed by rain S. E., N. E. and E. by clear or fair weather N. W.

**ALEXANDER COUNTY**—WM. H. RAY, Sergeant Signal Corps, U. S. A., Cairo. Highest barometer during the month, 30.208 on the 17th; lowest 29.712 on the 9th. Highest daily mean, 30.170 on the 16th; lowest 29.759 on the 9th. Highest temperature,  $92^{\circ}$  on the 23d; lowest  $56^{\circ}$  on the 10th. Highest daily mean temperature,  $83^{\circ}.2$  on the 22d and lowest daily mean  $58^{\circ}.2$  on the 10th. The mean temperature of the month  $73^{\circ}.7$ , is  $1^{\circ}.9$  below the June average of the past 13 years. There were 8 clear, 14 fair and 8 cloudy days during the month. Rain fell on 18 days. Thunder and lightning occurred June 6, 7, 8, 9, 18, 19, 21, 22, 23, 24, 25, 28, 29 and 30. The total precipitation, 2.95 inches, is 1.57 inches below the June average of 13 years past. Solar halo on the 1st; lunar halos on 1st and 3d. Prevailing direction of the wind was south, total movement during month 4,444 miles; highest velocity, 4, from the southwest, on the 9th. Winds of 25 miles per hour or over, occurred on the 9th. Highest water in Ohio River during month, 26 ft., 11 inches on the 18th. Lowest 20 ft. 7 inches on the 4th.

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CIRCULAR NO. 116.

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# ILLINOIS CROP PROSPECTS.

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Consolidation of Reports returned to the Department of Agriculture  
August 1, 1884.

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## SEASON.

The mean temperature of the State for July, 1884, is 2° lower than the July mean for a term of years, and the past month, with the exception of July, 1882, was the coldest July during the past eight years.

The following table gives the mean temperature at the several stations in the Northern, Central and Southern Divisions of the State for the months of July, from 1877 to 1884, inclusive:

Division.	1877	1878	1879	1880	1881	1882	1883	1884
Northern.....	73.56	76.57	74.00	72.00	74.50	69.06	72.33	71.08
Central.....	74.60	80.20	81.00	75.00	79.00	73.80	75.49	73.48
Southern.....	74.86	82.20	79.00	77.00	82.00	75.01	76.80	76.84
Average.....	74.34	79.65	78.00	74.66	78.50	72.62	74.87	73.80



The average rainfall for the State at the several stations for July, 1884, of 4.52 inches, largely exceeds that of any preceding July since 1876, and is .96 inches more than the average (3.58) monthly rainfall of the past eight Julys.

The average rainfall for the past eight Julys, in the Northern, Central and Southern divisions of the State, is given in the following table:

Division.	1877	1878	1879	1880	1881	1882	1883	1884
Northern.....	2.96	3.12	6.48	4.13	4.36	3.64	4.55	5.95
Central.....	3.33	2.72	3.13	1.89	2.80	2.86	4.23	3.62
Southern.....	1.49	2.93	3.99	4.55	0.48	4.17	5.74	3.97
Average.....	2.59	2.92	4.20	3.52	2.54	3.55	4.84	4.52

## RAINFALL.

There was no rain in any portion of the State on the 6th, 10th, 20th and 21st of July, and only local showers in the Southern division of the State on the 1st, 13th and 14th, and slight showers in the Northern division on the 19th.

The rains were quite general over the State on the 2d, 3d, 5th, 8th, 9th, 12th, 17th, 24th, 25th, 26th and 30th of July.

The heaviest monthly rainfall at any station during the month was 10.60 inches, at Prairieville, Lee county; the lightest monthly rainfall was 1.40 inches, at Mascoutah, St. Clair county.

The heaviest daily rainfall during the month was 2.43 inches, at Prairieville, on the 30th. Two or more inches of daily rainfall are reported during the month of July, as follows: Cairo, 2.16 inches, on the 5th, and 2.14 inches on the 31st; Prairieville, 2.00 inches on the 8th and 23d.

The average rainfall at stations in the several divisions of the State during the month of July, was as follows: Northern division, 5.97 inches; Central division, 3.62 inches; Southern division, 3.97 inches; for the State, 4.52 inches.

The table on page 51 of this report gives the distribution and amount of precipitation for July, 1884, at the several stations reporting to the Illinois Department of Agriculture.

The distribution of rainfall over the State the past seven years, from January 1 to July 31, is given in the following tables:

### NORTHERN DIVISION.

Month.	Average Rainfall and Melted Snow at Stations.						
	1878.	1879.	1880.	1881.	1882.	1883.	1884.
January.....	0.40	0.70	3.36	1.49	1.33	1.92	1.00
February.....	1.11	1.35	2.05	4.76	1.83	4.41	2.36
March.....	2.44	1.10	2.44	3.96	3.81	0.69	3.41
April.....	3.72	2.13	4.29	1.81	4.55	3.26	2.77
May.....	4.33	4.16	4.45	2.56	5.05	6.34	3.38
June.....	3.41	3.93	5.32	7.86	7.55	4.67	3.83
July.....	3.12	6.48	4.13	4.36	3.64	4.55	5.97
Average.....	2.65	2.84	3.72	3.83	3.97	3.69	3.25

The rainfall in the Northern division of the State, the first seven months in 1884, is less than that of any year since 1879.

## CENTRAL DIVISION.

Month.	Average Rainfall and Melted Snow at Stations.						
	1878.	1879.	1880.	1881.	1882.	1883.	1884.
January.....	0.91	0.79	2.82	0.90	1.84	1.38	0.82
February.....	2.77	0.78	2.82	4.90	5.49	6.53	3.92
March.....	3.72	1.70	2.50	4.72	5.15	1.25	2.64
April.....	3.63	1.99	4.29	1.89	4.14	4.66	2.33
May.....	5.69	0.98	5.94	2.07	8.63	5.45	4.39
June.....	3.69	2.80	2.64	7.35	10.08	5.98	5.60
July.....	2.72	3.13	1.89	2.80	2.86	4.23	3.62
Average.....	3.30	1.74	3.27	3.52	5.46	4.21	3.33

The average rainfall in the Central Division of the State from January 1 to July 31, 1884, is less than that of any year since 1880.

## SOUTHERN DIVISION.

Month.	Average Rainfall and Melted Snow at Stations.						
	1878.	1879.	1880.	1881.	1882.	1883.	1884.
January.....	3.08	3.30	3.80	1.56	4.55	2.05	1.77
February.....	2.75	2.66	3.31	4.33	7.61	8.23	5.78
March.....	2.00	2.10	3.88	2.58	4.66	2.85	3.47
April.....	5.20	2.41	3.22	4.11	2.84	4.59	3.74
May.....	6.01	2.24	5.21	2.95	6.09	5.19	5.50
June.....	2.29	4.59	3.63	4.58	5.76	6.91	5.71
July.....	2.93	3.99	4.55	0.48	4.17	5.74	3.97
Average.....	3.47	4.04	3.94	2.94	5.10	5.08	4.18

The average rainfall at stations in the Southern Division of the State in 1884, from January 1 to July 31, is less than for the corresponding period in 1882 and 1883.

## TEMPERATURE.

The mean temperature for the past seven years, in the three divisions of the State, for the months of January, February, March, April, May, June and July, is given in the following tables:

## NORTHERN DIVISION.

Month.	Mean Temperature.						
	1878.	1879.	1880.	1881.	1882.	1883.	1884.
January.....	27.00	14.00	35.00	26.70	24.42	10.65	12.92
February.....	33.00	20.00	30.00	19.10	35.84	18.71	23.99
March.....	45.00	35.00	33.00	28.80	37.80	30.39	32.72
April.....	53.00	46.00	49.00	40.80	48.55	48.13	46.87
May.....	57.00	59.00	65.00	65.80	55.13	55.52	59.55
June.....	67.00	65.00	70.00	66.10	68.22	67.27	68.80
July.....	76.00	74.00	72.00	74.50	69.06	72.33	71.08
Mean.....	52.57	44.71	50.59	45.97	48.47	43.29	45.13

The mean temperature from January 1 to July 31 was warmer in 1878, 1880, 1881 and 1882, and colder in 1879 and 1883, than in 1884.

## CENTRAL DIVISION.

Month.	Mean Temperature.						
	1878.	1879.	1880.	1881.	1882.	1883.	1884.
January.....	29.00	18.00	41.00	16.00	28.68	18.78	18.87
February.....	37.00	27.00	35.00	24.10	39.00	27.08	29.75
March.....	48.00	40.00	39.00	33.00	42.94	36.52	36.98
April.....	58.00	51.00	52.00	45.20	53.44	53.18	57.04
May.....	58.00	66.00	69.00	69.90	57.41	59.74	60.91
June.....	68.00	70.00	73.00	71.40	71.23	69.10	71.11
July.....	80.20	81.00	75.00	79.00	73.80	75.49	73.48
Mean.....	54.03	50.43	54.86	48.37	52.33	48.56	49.73

The mean temperature from January 1 to July 31 was warmer in 1878, 1879, 1880 and 1882, and colder in 1881 and 1883, than in 1884.

## SOUTHERN DIVISION.

Month.	Mean Temperature.						
	1878.	1879.	1880.	1881.	1882.	1883.	1884.
January.....	36.00	29.00	48.00	23.60	33.81	26.38	23.48
February.....	37.00	35.00	41.00	31.30	43.67	34.52	36.75
March.....	53.00	46.00	43.00	41.30	48.76	41.08	44.98
April.....	60.00	55.00	57.00	53.30	58.55	57.40	53.31
May.....	65.00	64.00	70.00	71.80	61.49	63.81	64.34
June.....	72.00	73.00	73.00	74.50	74.37	72.66	73.55
July.....	82.20	79.00	77.00	82.00	75.01	76.80	76.84
Mean.....	57.89	54.43	58.43	53.97	56.52	53.23	53.29

The mean temperature from January 1 to July 31 was warmer in 1878, 1879, 1880, 1881 and 1882, and a fraction colder in 1883, than in 1884.

## WINTER WHEAT.

The area of wheat harvested this season of 2,717,592 acres is the largest on record, with the exception of that of 1880, 1881 and 1882. The yield of the late wheat crop will average 15 bushels per acre, which is more than the average for a term of years. The present crop of 33,611,245 bushels of wheat was exceeded in amount in 1882, 1880 and 1878. The price received for new wheat by the producers this season of 76 cents per bushel has not been lower during the past twenty-four years, with the exception of 1861 when wheat brought but 71 cents per bushel.

The value to the producer of the 1884 wheat crop of \$25,410,014 is less than that obtained for any crop since 1860, with the exception of 1861, 1862, 1869, 1875, 1876, 1881.

The quality of wheat is much below the average, especially in the Southern counties.



The following table gives the area, yield and value of the wheat crops of the State during the past twenty-four years:

## WHEAT—(Spring and Winter.)

Year.	Number of acres....	Average yield per acre—bushels....	Bushels produced..	Price per bushel....	Total value.....	Value per acre.....	+ Cost of production per acre .....	Total cost of production.....	Profit .....	Loss.....
1860.....	2,109,471	11.3	23,837,023	\$0 85	\$20,261,469	\$9 60	\$10 55	\$22,254,919	.....	\$1,993,450
1861.....	2,109,471	11.4	23,837,023	71	16,924,284	8 02	10 55	22,254,919	.....	5,330,635
1862.....	2,300,994	14	32,218,500	76	24,482,262	10 64	10 55	24,275,170	\$207,092	.....
1863.....	2,617,347	12	31,408,163	1 05	32,978,571	12 59	10 55	27,613,011	5,365,560	.....
1864.....	2,328,763	14.3	33,371,173	1 55	51,725,318	22 21	10 55	24,568,450	27,156,868	.....
1865.....	2,296,977	11	25,266,745	1 09	27,541,732	12 00	10 55	24,233,107	3,308,625	.....
1866.....	2,196,263	13	28,551,421	1 93	55,104,243	25 09	10 55	23,170,575	31,933,668	.....
1867.....	2,456,140	11.4	28,060,000	1 97	55,160,000	22 45	10 55	25,912,177	29,247,723	.....
1868.....	2,483,478	11.5	28,560,000	1 20	34,272,000	13 80	10 55	26,200,692	8,071,308	.....
1869.....	2,607,142	11.2	28,200,000	76	22,192,000	8 51	10 55	27,505,348	.....	5,313,348
1870.....	2,259,538	12	27,115,000	94	25,488,100	11 28	10 55	23,838,600	1,649,500	.....
1871.....	2,050,081	12.3	25,216,000	1 18	29,754,880	14 51	10 55	21,628,354	8,126,526	.....
1872.....	2,042,231	12.1	24,711,000	1 23	30,594,530	14 88	10 55	21,545,537	8,848,993	.....
1873.....	2,104,963	13.5	28,417,000	1 10	31,258,700	14 84	10 55	22,207,360	9,051,340	.....
1874.....	2,619,304	11.5	30,122,000	86	25,904,920	9 88	10 55	27,633,657	.....	1,728,737
1875.....	2,600,000	10.5	27,300,000	91	24,843,000	9 55	10 55	27,430,000	.....	2,587,000
1876.....	2,520,430	9.3	23,440,000	93	21,799,200	8 64	10 55	26,590,536	.....	4,791,336
1877.....	1,977,745	16.4	32,490,556	1 15	38,002,082	19 22	10 55	20,865,210	17,136,872	.....
1878.....	2,324,755	14.6	33,883,398	80	27,059,460	11 64	10 55	24,526,165	2,533,295	.....
1879.....	2,440,808	18. $\frac{3}{4}$	45,417,661	87	39,930,639	16 36	10 55	25,750,535	14,180,104	.....
1880.....	3,256,350	17. $\frac{1}{2}$	56,503,309	82	46,497,160	14 27	10 55	24,854,550	11,642,610	.....
1881.....	3,642,589	7. $\frac{1}{2}$	22,374,163	1 07	24,133,780	7 90	10 55	32,499,238	.....	8,365,458
1882.....	2,846,117	18. $\frac{1}{2}$	52,323,261	89	46,714,376	16 41	10 70	30,477,274	16,237,102	.....
1883.....	2,047,956	10	20,347,592	95	19,337,063	9 50	11 10	22,695,812	.....	3,358,749
1884.....	2,717,592	15	33,611,245	76	25,410,014	9 35	10 75	29,272,419	.....	3,862,400

† 1860-1881 estimated same as reported for 1880.

## SPRING WHEAT.

This crop receives but little attention throughout the State and the table on page 18 of this report shows but 43,921 acres for the crop just harvested. An average yield of 16 bushels per acre was obtained this season, making the aggregate crop of spring wheat for the State 711,008 bushels, valued at \$551,078. The average price paid farmers for the new crop is 77 cents per bushel. The average yield per acre this season of spring wheat is the largest on record.

## OATS.

The area of the 1884 oat crop of 2,867,560 acres is the largest on record. The average yield of oats this season of 36 bushels per acre has been exceeded but twice during the past twenty-four years—viz: 1882 and 1883. The price per bushel received immediately after harvest for the late crop of 25 cents per bushel, with the exception of the crops of 1878, 1879 and 1880, is the lowest received for oats at corresponding date since 1872. The 1884 crop of oats of 102,411,665 bushels is the largest ever produced in the State, with the exception of that of 1883. The quality of oats is generally up to an average, and there is less complaint of lodging than usual. In some few localities the crop was damaged by storms before and after harvest.

The following table gives the area, yield and value of the oat crop of the State the past twenty-five years:

Year.	Number of acres ...	Average yield per acre—bushels....	Bushels produced..	Price per bushel—cents.....	Total value.....	Value per acre.....	Cost of production per acre.....	Total cost of production.....	Profit.....	Loss.....
1860 .....	543,572	28	15,220,029	26	\$3,957,207	\$7 28	\$9 40	\$5,109,577	.....	\$1,152,370
1861 .....	543,572	28	15,220,029	19	2,891,805	5 32	9 40	5,109,577	.....	2,217,772
1862 .....	894,610	20	17,892,200	24	4,294,128	4 80	9 40	8,409,334	.....	4,115,206
1863 .....	820,059	24	19,681,420	56	11,021,595	13 44	9 40	7,708,555	\$3,313,040	.....
1864 .....	779,003	31	24,273,751	61	14,806,988	19 00	9 40	7,322,628	7,484,360	.....
1865 .....	802,520	35	28,088,197	24	6,741,167	8 40	9 40	7,543,688	.....	802,521
1866 .....	833,952	34	30,054,370	33	9,917,942	11 21	9 40	8,309,149	1,608,793	.....
1867 .....	1,068,372	30	32,158,000	49	15,757,420	14 74	9 40	10,042,697	5,714,723	.....
1868 .....	1,018,150	32	32,479,000	39	12,666,810	12 44	9 40	9,570,610	3,096,200	.....
1869 .....	1,099,261	22	35,726,000	37	13,218,620	12 02	9 40	10,333,053	2,885,567	.....
1870 .....	1,480,846	26	38,509,000	32	12,320,640	8 32	9 40	13,919,952	.....	1,599,312
1871 .....	1,163,202	33	38,502,000	28	10,770,560	9 26	9 40	10,934,099	.....	153,539
1872 .....	1,178,196	36	43,122,000	19	8,193,180	6 95	9 40	11,075,042	.....	2,881,862
1873 .....	1,178,666	30	35,360,000	28	9,900,800	8 31	9 40	11,079,460	.....	1,178,660
1874 .....	1,818,514	17	31,824,000	45	14,320,800	7 87	9 40	17,094,032	.....	2,773,232
1875 .....	2,272,727	33	75,000,000	28	22,000,000	9 24	9 40	21,363,634	.....	363,634
1876 .....	2,400,000	20	48,000,000	26	12,480,000	5 20	9 40	22,560,000	.....	10,080,000
1877 .....	1,556,194	39	61,145,983	26	16,269,647	10 45	9 49	14,628,224	.....	1,641,423
1878 .....	1,757,953	30	53,424,555	20	10,684,911	6 07	9 40	16,524,728	.....	5,839,817
1879 .....	1,631,139	33	54,664,569	22	12,059,162	7 39	9 40	15,332,706	.....	3,273,544
1880 .....	1,749,391	35	62,709,002	24	12,858,247	8 40	9 40	17,375,108	.....	4,516,861
1881 .....	1,922,389	35	68,744,514	30	21,022,267	10 50	9 40	19,090,219	1,932,048	.....
1882 .....	2,461,655	40	99,275,380	41	41,062,611	16 40	9 85	24,316,329	16,746,282	.....
1883 .....	2,740,959	38	104,299,230	26	27,403,706	9 88	9 85	27,061,660	342,046	.....
1884 .....	2,867,560	36	102,411,665	25	26,047,256	9 08	9 85	28,254,143	.....	2,206,887

+ 1860-1881 estimated same as reported for 1880.

The average yield per acre of oats for each county in the State for the past eight years is given on page 20 of this report.

## RYE.

There is a decrease in the area of rye of 26,000 acres, as compared with the crop harvested last season.

The average yield per acre of rye (of 16 bushels) has not been smaller than this season since 1875, with the exception of 1878.

The 1884 rye crop of the State aggregates 4,033,092 bushels, valued at \$2,101,197 in first hands.

The price obtained for rye of 52 cents per bushel is less than the average price received by the producer for a term of years.

The quality of rye is from medium to good.

The following table gives the area, yield and value of the past twenty-five rye crops grown in the State:

Year.	Number of acres....	Average yield per acre—bushels....	Bushels produced..	Price per bushel....	Total value.....	Value per acre.....	*Cost of production per acre.....	Total cost of production.....	Profit.....	Loss.....
1860	59,455	16	951,281	\$0 49	\$466,127	\$7 87	\$9 80	\$582,659	.....	\$116,532
1861	59,455	16	951,281	44	323,435	5 44	9 80	582,659	.....	259,224
1862	49,066	20	981,322	43	421,968	8 60	9 80	480,847	.....	58,879
1863	55,199	16	833,190	74	653,561	11 84	9 80	540,950	\$112,611	.....
1864	56,671	15	850,071	1 01	862,822	15 22	9 80	555,376	307,446	.....
1865	51,004	16 $\frac{2}{3}$	833,069	49	410,977	8 06	9 80	499,839	.....	88,862
1866	42,721	16 6	666,455	79	526,500	12 32	9 80	418,666	107,834	.....
1867	42,600	15	639,000	1 19	760,410	17 85	9 80	417,480	342,930	.....
1868	39,814	16.2	645,000	93	599,850	15 06	9 80	490,177	209,673	.....
1869	46,875	14.4	675,000	64	432,000	9 32	9 80	459,375	.....	27,375
1870	136,280	16.4	2,235,000	60	1,341,000	9 34	9 80	1,335,544	5,456	.....
1871	123,033	17.8	2,190,000	56	1,226,400	9 96	9 80	1,205,723	20,677	.....
1872	122,154	18.1	2,211,000	50	1,105,500	9 05	9 80	1,197,109	.....	91,609
1873	134,064	15.0	2,078,000	58	1,205,240	9 00	9 80	1,313,827	.....	108,587
1874	152,208	15.4	2,036,000	71	1,445,560	10 93	9 89	1,295,638	149,922	.....
1875	157,572	16.5	2,600,000	61	1,586,000	10 06	9 80	1,544,205	41,795	.....
1876	161,250	16	2,580,000	53	1,496,400	9 28	9 80	1,580,250	.....	83,850
1877	231,972	16	3,852,091	55	2,103,800	9 10	9 80	2,273,320	.....	169,526
1878	252,768	11	2,915,940	41	1,195,535	4 77	9 80	2,477,126	.....	1,281,591
1879	235,073	18	4,238,824	47	1,991,404	8 47	9 80	2,303,715	.....	312,311
1880	149,742	17	2,737,159	56	1,513,587	10 10	9 80	1,515,235	.....	1,648
1881	175,418	16	2,955,411	81	2,403,954	12 96	9 80	1,773,875	630,079	.....
1882	357,095	18	6,538,683	62	4,064,483	11 16	10 05	3,591,067	473,416	.....
1883	276,766	17	4,695,448	48	2,244,646	8 16	10 10	2,798,758	.....	554,112
1884	250,041	16	4,033,092	52	2,101,197	8 40	10 35	2,592,295	.....	491,098

\* 1860-1881 estimated same as reported for 1880.

## BARLEY.

The area of barley harvested this season, of 26,746 acres, is not quite as large as that of the previous year. The average yield per acre (27 bushels) of the late crop is larger than the average for a term of years. The 1884 barley crop, of 732,139 bushels, is larger than that of the previous year. The price per bushel (50 cents) is lower than that of the average for a term of years. The value to the producer (\$366,550) is less than that obtained for any barley crop raised in the State during the past twenty-five years, with the exception of 1861.



The following table gives the area, yield and value of the past twenty-four barley crops produced in this State.

Year.	Number of acres.	Average yield per acre.....	Bushels produced	Price per bushel..	Total value.....	Value per acre....	†Cost of production per acre...	Total cost of production.....	Profit.....	Loss.....
1860 .....	45,058	23	1,036,334	\$0 49	\$507,803	\$11 26	\$10 55	\$475,362	\$32,441	
1861 .....	45,058	23	1,036,334	26	269,446	5 97	10 55	475,362		\$205,916
1862 .....	32,657	36	1,175,651	60	705,390	21 60	10 55	344,531	360,859	
1863 .....	54,775	22	1,205,042	95	1,444,790	20 81	10 55	577,876	566,914	
1864 .....	50,520	22 $\frac{3}{4}$	1,144,790	37	1,568,362	31 04	10 55	532,986	1,035,376	
1865 .....	50,425	21	1,058,931	56 $\frac{3}{4}$	600,943	11 91	10 55	531,994	68,949	
1866 .....	41,510	25	1,037,753	68	705,672	17 00	10 55	437,930	267,742	
1867 .....	44,663	22.3	996,000	1 28	1,274,880	28 52	10 55	471,195	803,685	
1868 .....	37,829	25.8	976,000	1 36	1,327,360	35 08	10 55	399,096	928,264	
1869 .....	59,808	20.8	1,250,000	90	1,125,000	18 81	10 55	630,974	494,026	
1870 .....	111,600	20	2,232,000	62	1,383,840	12 40	10 55	1,177,380	206,460	
1871 .....	80,509	25.5	2,053,000	52	1,067,560	13 26	10 55	849,370	218,196	
1872 .....	79,425	26.1	2,073,000	55	1,140,150	14 35	10 55	837,944	302,206	
1873 .....	99,130	23	2,280,000	95	2,166,000	21 85	10 55	1,045,821	1,120,179	
1874 .....	119,302	17.2	2,052,000	97	1,990,440	16 68	10 55	1,258,636	731,804	
1875 .....	113,281	25.6	2,900,000	70	2,030,000	17 92	10 55	1,195,114	834,886	
1876 .....	124,293	17.7	2,200,000	50	1,100,000	8 85	10 55	1,311,291	211,291	
1877 .....	44,982	18.5	842,942	47	396,182	8 80	10 55	474,560	78,378	
1878 .....	29,301	24	703,294	56	398,844	10 19	10 55	309,125	89,719	
1879 .....	25,494	22 $\frac{3}{4}$	578,911	46	265,951	10 43	10 55	268,972	3,021	
1880 .....	39,313	25	998,382	56	660,703	14 26	10 55	407,271	153,432	
1881 .....	31,472	22	697,467	74	892,328	16 28	10 55	331,066	161,262	
1882 .....	34,611	27	940,396	68	641,951	18 36	10 55	364,695	277,256	
1883 .....	26,845	25	674,338	59	393,901	14 75	10 35	278,298	120,063	
1884 .....	26,746	27	732,139	50	366,550	13 70	10 17	272,159	94,391	

† 1860-1881 estimated same as reported for 1880.

## PASTURES.

The condition of pastures throughout the State is much above an average, and has seldom been better at this season of the year.

The condition is above or about up to an average in all the counties in the State except DuPage, Effingham, Fayette, Hardin, Jefferson, Lawrence, Madison, Marion, Richland, Wabash, Washington and White counties.

The condition of pastures in each county in the State for a term of years is given on page 30 of this report.

There has been a large increase in the area of pastures during the past year, and the present area is the largest for a number of years.

## CORN.

The condition of corn has not improved during the past month in either of the three divisions of the State.

The latest returns give encouragement for 97 per cent. of an average yield per acre of corn in the Northern Division, 93 per cent. of an average yield in the Central Division, and 79 per cent. of an average yield per acre in the Southern Division.

The condition of corn this season has been as follows: Northern Division—June 1, 98 per cent.; July 1, 100 per cent.; August 1, 97 per cent. Central Division—June 1, 90 per cent.; July 1, 95 per cent.; August 1, 93 per cent. Southern Division—June 1, 81 per cent.; July 1, 85 per cent.; August 1, 79 per cent.

There was an improvement in the condition of corn in all portions of the State during the month of June, and a decrease in the prospective yield during the month of July.

The condition of corn August 1, 1884, as compared with corresponding date in 1883, gives encouragement for an increase of 16 per cent. in the average yield per acre in the Northern division of the State, 3 per cent. increase in the Central division, and a decrease of 15 per cent. in the Southern division of the State.

The great bulk of the corn grown in the State is produced in the northern and central portions of the State where the condition indicates an increased yield per acre over the preceding crop.

The table on page 23 of this report gives by per cent. the condition of corn in each county in the State, month by month, during the present season as well as on the first of August, 1883.

The condition of corn the first of the month in counties where upwards of four millions of bushels of corn was produced last season, was as follows: Bureau, 96 per cent.; Champaign, 100; Iroquois, 104; Livingston, 100; Logan, 91; Macoupin, 80; McLean, 95; Morgan, 90; Sangamon, 100; Vermilion, 93; Warren, 100; Will, 99.

There is a large decrease in the area of corn as compared with previous years. The area of the growing crop of 6,606,772 acres is less than that of any previous year since 1872. There is a decrease of over ten thousand acres of corn this season as compared with the previous year in each of the following counties: Bureau, Champaign, Douglas, Henry, LaSalle, Livingston, Mercer, Moultrie, Piatt, Sangamon, Tazewell and Warren.

## BROOM CORN.

The condition of broom corn is reported from sixty counties, and in one-half of these counties there will be about an average or better yield per acre. This crop receives so little attention in nearly half the counties in the State as not to be reported.

The condition of broom corn the first of the month in the counties where considerable attention is paid to this crop, was as follows: Champaign, 100 per cent.; Coles, 82; Douglas, 58; Henry, 85; Knox, 97; Mercer, 80; Moultrie, 100; Piatt, 93; Stephenson, 95.

## SORGHUM CANE.

There will be about an average yield per acre of sorghum cane in one-half of the counties in the State.

The condition of this crop August 1, is given on page 32 of this report in all the counties in the State except four.

The large proportion of this crop is grown in the following counties where the condition is as follows: Wayne, 71 per cent; Champaign, 100; Vermilion, 95; Saline, 80; Adams 87; Greene, 100; Johnson, 87; Menard, 105; Mercer, 95; White, 70.

## COTTON.

The condition of this crop is reported only in Perry county, where the prospects are favorable for 90 per cent. of an average yield per acre.

## HEMP.

This crop is receiving some attention in Ogle county, where the condition promises an average yield per acre. The area is 60 per cent. that of the previous year.

## CASTOR BEANS.

The condition of this crop is reported in fifteen counties, in seven of which there will be an average yield per acre; ten per cent. less than an average yield in two counties; fifteen per cent. less in one county; twenty per cent. less in two counties; forty per cent. less in one county, and fifty per cent. less in two counties.

## TOBACCO.

The condition of this crop in the forty counties reporting thereon, is given on page — of this report.

It will be seen that the condition promises about an average or better yield per acre in twenty-three counties. There will be ten per cent. less than an average yield per acre in nine counties, and from 45 to 85 percent. of an average yield per acre in nine counties.

The bulk of the crop of the State, is produced in the following counties where the condition of tobacco the first of the month was as follows: In Saline county there will be 102 per cent. of an average yield per acre; Williamson, 98 per cent; Jo Daviess, 102; Stephenson, 102; and Hamilton, 73.

## TURNIPS AND OTHER ROOT CROPS.

There is an increase this season in the area of land seeded to turnips and other root crops as compared with 1883. In fifty-six counties the area is the same as last season; in ten counties the area is five per cent. larger, and in four counties ten per cent. larger. The area is five per cent. less than last season in seven counties; ten per cent. less in eleven counties; fifteen per cent. less in two counties; twenty per cent. less in two counties; twenty-five per cent. less in three counties; thirty per cent. less in one county, and forty per cent. less in one county.

The condition gives encouragement for an average yield per acre in sixty counties, and five per cent. more than an average in eight counties. The prospects are not favorable for over 95 per cent. of a crop in five counties; 90 per cent. in ten counties; 85 per cent. in four counties; 80 per cent. in four counties; 75 per cent. in two counties, and 65 per cent. of a crop in one county.

## FRUITS.

The counties in which the condition or yield of fruit is reported up to an average are the exception. In five counties apples are reported up to an average in condition; peaches in one county; pears in seven counties; plums in eight counties; grapes in five counties; quinces in nine counties. The condition of the several varieties of fruit in each county in the State is given on page 32 of this report.

## APPLES.

The prospects are favorable for an average crop of apples in two counties; five per cent. more than an average in one county, and seven per cent. more than an average in two counties; 95 per cent. of a crop in eight counties; 90 per cent. in six counties; 85 per cent. in seven counties; 80 per cent. in seven counties; 75 per cent. in ten counties, and from 20 to 70 per cent. of an average crop in fifty-nine counties.

## PEACHES.

The condition of peaches in one county gives encouragement for an average yield per acre; 75 per cent. of a crop in two counties; fifty per cent. of a crop in two counties; 20 per cent. of a crop in two counties; 15 per cent. of a crop in one county; 10 per cent. of a crop in one county. In the remaining ninety-three counties the condition of peaches was not reported.



## . PEARS.

The prospects are encouraging for an average crop of pears in seven counties; 10 per cent. less than an average crop in eight counties; 15 per cent. less in one county; 20 per cent. less in four counties, and 25 per cent. less in eleven counties. In fifty-five counties there will be from 10 to 70 per cent. of an average crop. The condition of pears is not reported in seventeen counties.

## PLUMS.

There will be an average crop of plums in eight counties; five per cent. less in two counties; ten per cent. less in eight counties; fifteen per cent. less in three counties; twenty per cent. less in five counties, and from twenty to seventy per cent. of a crop in the remaining counties except twenty-two, from which no report concerning the condition of plums has been received.

## GRAPES.

The reports give encouragement for an average crop of grapes in five counties; five per cent. less than an average crop in three counties; ten per cent. less in eight counties; fifteen per cent. less in ten counties; twenty per cent. less in twelve counties; twenty-five per cent. less in twelve counties, and from twenty to seventy per cent. of an average crop in the remaining fifty-two counties.

## BLACKBERRIES.

There will be an average or better crop of blackberries in thirty-nine counties; five per cent. less than an average crop in seven counties; ten per cent. less than an average crop in ten counties; fifteen per cent. less than an average crop in five counties, and twenty per cent. less than an average crop in four counties. In thirty-five counties there will be from 20 to 75 per cent. of an average crop.

## QUINCES.

This variety of fruit is reported from forty-five counties. The prospects are encouraging for an average crop of quinces in nine counties; ten per cent. less than an average in one county; fifteen per cent. less in four counties; twenty per cent. less in five counties, and twenty-five per cent. less in five counties.

There will be from twenty-five to seventy per cent. of an average crop in the remaining twenty-five counties reporting.

## LIVE STOCK.

The condition of live stock is above an average, owing to the abundant pasturage.

There is a slight increase in the number of horses in the State this season as compared with the assessors returns for 1883. Horses and mules used for draft purposes are in fair condition, considering the unusually heavy work of the season.

The slight increase in the assessed number of Cattle over that of the previous year consists mainly of breeding cattle of the improved breeds.

The number of sheep and hogs returned by assessors this season is some less than that of the previous year. There is comparatively no disease among hogs, and the few complaints of disease with other kinds of farm animals is less than usual.

The number of horses, cattle, sheep and swine in each county in the State as returned by assessors in May, 1884 are given elsewhere in this report.

## HAY.

The area of meadows harvested this season of 3,004,342 acres, is the largest on record, and exceeds that of the previous year by 59,860 acres.

The yield per acre is not as large as that of the past season. The aggregate hay crop of 1884 is 113,959 tons less than that of the previous year.

The price per ton, \$5.47, received this season for hay, is less than that obtained during the past six years.

The 1884 hay crop is valued at \$27,055,087, which is the largest amount received for the hay crop of the State, with the exception of the crops produced in 1864, 1875, 1882 and 1883.

Considerable hay was damaged during the harvest in the Northern and Central portions of the State by the frequent rains.

The following table gives the area, yield and value of the last twenty-five hay crops of the State:

Year.	Number of acres.	Average yield per acre.	Tons produced	Price per ton.	Total value.	Value per acre.	Cost of production per acre.	Total cost of production.	Profit.	Loss.
1860.....	1,258,548	1.41	1,774,554	\$9 90	\$17,568,084	\$13 95	\$7 35	\$9,250,328	\$8,317,756	.....
1861.....	1,258,548	1.41	1,774,554	9 90	17,568,084	13 95	7 35	9,250,328	8,317,756	.....
1862.....	1,348,724	1.7	2,292,831	8 00	18,342,648	13 60	7 35	9,913,121	8,429,527	.....
1863.....	1,161,707	1.5	1,742,552	11 50	20,039,348	17 25	7 35	8,538,546	11,500,802	.....
1864.....	1,444,483	1.5	2,166,725	15 33	33,215,894	23 00	7 35	10,616,950	22,598,944	.....
1865.....	1,733,380	1.5	2,600,070	9 30	24,180,651	13 95	7 35	12,740,343	11,440,308	.....
1866.....	1,591,880	1.47	2,340,063	9 27	21,692,334	13 62	7 35	11,700,318	9,992,066	.....
1867.....	1,778,000	1.5	2,667,000	9 73	25,949,910	14 59	7 35	13,068,300	12,881,610	.....
1868.....	1,905,000	1.4	2,667,000	10 00	26,670,000	14 00	7 35	14,001,750	12,668,250	.....
1869.....	1,761,006	1.59	2,800,000	9 87	27,636,000	15 69	7 35	12,943,394	14,692,606	.....
1870.....	1,605,932	1.18	1,895,000	10 74	20,352,300	12 67	7 35	11,803,600	8,548,700	.....
1871.....	1,403,053	1.31	1,838,000	10 05	18,471,900	13 16	7 35	10,312,439	8,159,461	.....
1872.....	1,428,888	1.35	1,929,000	9 47	18,267,630	12 78	7 35	10,502,327	7,765,303	.....
1873.....	1,880,000	1.25	2,350,000	8 75	20,562,500	10 93	7 35	13,818,000	6,744,500	.....
1874.....	1,860,417	1.2	2,232,500	10 49	23,418,925	12 58	7 35	13,674,064	9,744,861	.....
1875.....	2,226,277	1.57	3,050,000	9 73	29,676,500	13 33	7 35	16,363,136	7,016,864	.....
1876.....	2,500,000	1.40	3,500,000	6 68	23,380,000	9 35	7 35	18,375,000	5,005,000	.....
1877.....	2,443,360	1.65	4,044,967	5 43	21,971,368	9 99	7 35	17,958,696	4,012,672	.....
1878.....	2,368,854	1.45	4,255,471	4 70	19,994,341	8 44	7 35	17,411,077	2,583,264	.....
1879.....	2,161,760	1.20	2,578,736	6 37	16,428,012	7 60	7 35	15,888,936	539,076	.....
1880.....	2,259,857	1.5	3,486,584	6 50	22,589,691	9 75	7 35	16,706,706	5,912,985	.....
1881.....	2,384,366	1.5	3,484,222	6 95	24,184,087	10 42	7 35	17,517,470	6,666,617	.....
1882.....	2,629,333	1.75	4,389,186	7 75	34,006,164	13 56	7 35	19,390,712	14,615,452	.....
1883.....	2,945,482	1.75	5,064,460	6 15	30,990,271	10 76	7 35	21,694,095	9,296,176	.....
1884.....	3,004,342	1.64	4,940,506	5 47	27,055,087	9 00	7 35	22,093,723	4,961,364	.....

† 1860-1881 estimated same as reported for 1880.

## AGRICULTURAL STATISTICS.

The great value of the crop statistics of this department mainly consists in their early and prompt appearance during the growing season, and immediately after harvest, when the information as to condition and yield is most needed to enable the producer and legitimate dealer to decide as to the supply and value of the crop.

The last official acreage of crops, as reported by assessors, is used as a basis for applying the estimates of crop correspondents as to the area and yield of the growing crops. It is not to be expected that the estimates of correspondents will more than closely approximate the assessed return reported the following year.

The estimates of correspondents, with few exceptions, have been below the returns of assessors made the succeeding year, and during the last seven years, the reports, when compared with the official assessment, have confirmed the superior judgment and careful observations made by correspondents, who are farmers of experience and standing, and largely interested in the accuracy of the returns, and, as a rule, are inclined to the side of conservatism.

### BASIS FOR ESTIMATING ACREAGE, CONDITION, ETC.

It will be observed that the number 100 is used to represent the acreage of the crop of 1883, with which the acreage of the present crop is compared: also a fair average yield and a fair average vitality of growth, unaffected by storms, insects and contingencies; an increase of one-tenth, or ten per cent. is recorded 110; a decrease of five per cent. is marked 95, etc.

Respectfully submitted,

S. D. FISHER,

*Secretary.*



## WINTER WHEAT.

Counties.	Acreage 1884, re- turned by as- sessors.....	Yield per acre in bushels.....	Total yield in bushels....	Price per bushel..	Value of crop.....	Cost of production per acre.....	Total cost of pro- duction.....	Profit on crop.....	Loss on crop.....
Adams.....	80,159	15	1,202,385	\$0 82	\$985,956	\$10 85	\$869,725	\$116,231	
Alexander.....	11,463	13	149,019	75	111,764	12 60	144,434		\$32,670
Bond.....	39,570	9	356,130	76	270,659	10 45	413,506		142,847
Boone.....	615	25	15,375	80	12,300	11 40	7,011	5,289	
Brown.....	27,384	16	438,144	73	319,845	10 60	290,270	29,575	
Bureau.....	1,103	18	19,854	*76	15,089	10 00	11,030	4,059	
Calhoun.....	24,835	16	397,360	70	278,152	13 00	322,855		44,703
Carroll.....	2,992	*14	41,888	*76	31,835	11 75	35,156		3,321
Cass.....	19,916	17	338,572	76	257,315	11 25	224,055	33,260	
Champaign.....	35,458	15	531,870	60	319,122	11 25	398,902		79,780
Christian.....	69,396	10	693,960	72	499,651	10 95	759,886		260,235
Clark.....	36,653	7	256,571	78	200,125	9 75	357,367		157,242
Clay.....	28,728	6	172,368	75	129,276	10 40	298,771		169,495
Clinton.....	70,963	15	1,064,445	81	862,200	11 45	812,526	49,674	
Coles.....	26,005	11	286,055	68	194,517	10 20	265,251		70,734
Cook.....	118	20	2,360	88	2,077	10 50	1,239	838	
Crawford.....	36,252	7	253,764	80	203,011	9 85	357,082		154,071
Cumberland.....	28,921	14	404,894	77	311,768	8 80	254,505	57,263	
DeKalb.....	147	20	2,940	75	2,205	11 30	1,661	544	
DeWitt.....	*8,894	18	160,092	82	131,275	8 95	79,601	51,674	
Douglas.....	12,026	13	156,338	73	114,127	10 85	130,482		16,355
DuPage.....	200	*14	2,800	*86	2,128	12 25	2,450		322
Edgar.....	47,061	11	517,671	62	320,956	9 30	437,667		116,711
Edwards.....	24,637	16	394,192	72	285,818	10 90	268,543	15,275	
Effingham.....	37,399	8	299,192	75	224,394	10 65	398,299		173,905
Fayette.....	47,906	7	335,342	72	241,446	8 15	390,434		148,988
Ford.....	497	15	7,455	*76	5,666	9 35	4,647	1,019	
Franklin.....	*5,247	7	36,729	73	26,812	8 25	43,288		16,476
Fulton.....	37,118	20	742,360	74	549,346	9 65	358,189	191,157	
Gallatin.....	41,000	14	574,000	76	436,240	10 15	416,150	20,090	
Greene.....	57,434	14	704,076	81	570,301	11 25	646,132		75,831
Grundy.....	119	*14	1,666	*76	1,266	10 70	1,273		7
Hamilton.....	21,535	7	150,745	72	108,536	8 95	192,738		84,202
Hancock.....	28,550	15	428,250	80	342,600	11 40	325,470	17,130	
Hardin.....	2,203	12	26,436	75	19,827	9 65	21,259		1,432
Henderson.....	*4,154	20	83,080	75	62,310	9 70	40,294	22,016	
Henry.....	277	*14	3,878	*76	2,947	12 10	3,352		405
Iroquois.....	4,432	14	62,048	80	49,638	9 25	40,996	8,642	
Jackson.....	47,406	12	568,872	72	409,588	9 85	466,949		57,361
Jasper.....	30,471	5	152,355	*76	115,790	6 80	207,203		91,413
Jefferson.....	61,393	7	429,751	75	322,237	9 65	592,442		270,205
Jersey.....	*53,467	15	802,005	80	641,604	11 90	636,257	5,347	
JoDavies.....	3,433	25	85,825	80	68,660	12 20	41,883	26,777	
Johnson.....	21,417	10	214,170	71	152,061	7 50	160,627		8,566
Kane.....	126	*14	1,764	80	1,411	15 15	1,909		498
Kankakee.....	2,432	*14	34,048	80	27,238	10 05	24,442	2,796	
Kendall.....	78	13	1,014	80	811	12 05	940		129
Knox.....	3,353	20	67,060	*76	50,966	11 30	37,889	13,077	
Lake.....	351	20	7,020	86	6,037	10 90	3,826	2,211	
LaSalle.....	2,549	19	48,431	77	37,292	10 90	27,784	9,508	
Lawrence.....	37,717	10	377,170	75	282,877	12 70	479,006		196,129
Lee.....	*200	16		80		11 25			
Livingston.....	754	14	10,556	*76	8,022	11 25	8,482		460

## WINTER WHEAT—Continued.

Counties.	Average 1884, re- turned by as- sessors.....	Yield per acre in bushels.....	Total yield in bushels....	Price per bushel..	Value of crop.....	Cost of production per acre.....	Total cost of pro- duction.....	Profit on crop.....	Loss on crop.....
Logan .....	32,455	15	486,825	\$0 75	\$365,119	\$10 30	\$334,286	\$30,833	.....
Macon .....	29,467	12	353,604	77	272,275	9 85	290,250	.....	\$17,975
Macoupin .....	99,277	11	1,092,047	73	797,194	11 40	1,131,758	.....	334,564
Madison .....	116,752	11	1,284,272	80	1,027,418	11 65	1,360,161	.....	332,743
Marion .....	39,845	8	318,760	60	191,256	8 75	348,644	.....	157,388
Marshall .....	*600	18	10,800	*76	8,208	10 65	6,390	1,818	.....
Mason .....	*10,212	16	.....	75	.....	10 00	.....	.....	.....
Massac .....	19,002	12	228,024	80	182,419	11 75	223,273	.....	40,854
McDonough .....	*10,212	18	183,816	75	137,862	10 10	103,141	34,721	.....
McHenry .....	629	26	16,354	88	14,391	10 70	6,730	7,661	.....
McLean .....	6,093	16	97,488	77	75,066	10 40	63,367	11,699	.....
Menard .....	36,165	13	470,145	74	348,907	10 30	372,499	.....	23,592
Mercer .....	481	*14	6,734	*76	5,117	10 20	4,906	211	.....
Monroe .....	67,372	20	1,347,440	80	1,077,952	13 95	939,839	138,113	.....
Montgomery .....	92,559	11	1,018,149	69	702,523	9 90	916,334	.....	213,811
Morgan .....	*40,738	13	.....	78	.....	11 50	.....	.....	.....
Moultrie .....	15,954	11	175,494	70	122,846	9 75	155,551	.....	32,705
Ogle .....	3,471	22	76,362	*76	58,036	10 45	36,272	21,763	.....
Peoria .....	5,725	19	108,775	97	105,512	11 00	62,975	42,537	.....
Perry .....	*38,484	7	269,388	75	202,041	9 55	367,522	.....	165,481
Piatt .....	11,309	18	203,562	70	142,493	10 65	120,441	22,052	.....
Pike .....	96,457	18	1,736,226	80	1,388,981	12 95	1,249,118	139,863	.....
Pope .....	*21,681	10	216,810	80	173,448	9 25	200,549	.....	27,101
Pulaski .....	9,570	13	124,410	81	100,772	10 70	102,399	.....	1,627
Putnam .....	1,001	*14	14,014	83	11,632	9 85	9,860	1,772	.....
Randolph .....	94,026	13	1,222,338	77	941,200	11 50	1,081,299	.....	140,099
Richland .....	30,995	6	185,970	75	139,277	9 95	308,400	.....	169,123
Rock Island .....	230	*14	3,220	80	2,576	11 45	2,633	.....	57
Saline .....	15,689	9	141,201	70	98,841	7 70	120,805	.....	21,964
Sangamon .....	53,796	14	753,144	74	557,326	11 60	624,034	.....	66,708
Schuyler .....	33,509	17	569,653	79	450,025	10 00	335,090	114,935	.....
Scott .....	11,905	15	178,575	75	133,931	11 20	153,336	595	.....
Shelby .....	54,947	12	659,364	77	407,710	10 95	601,670	.....	193,960
Stark .....	270	15	4,050	*76	3,078	11 45	3,091	.....	13
St. Clair .....	127,721	13	1,660,373	*76	1,261,883	14 25	1,820,024	.....	558,141
Stephenson .....	5,451	20	109,020	77	83,945	10 65	58,053	25,892	.....
Tazewell .....	27,584	14	386,176	76	293,494	10 85	299,286	.....	5,792
Union .....	23,122	14	323,708	78	251,492	*10 55	243,937	7,555	.....
Vermilion .....	29,312	13	381,056	*76	289,602	10 15	297,517	.....	7,915
Wabash .....	27,180	12	326,160	*76	247,882	10 05	273,159	.....	25,277
Warren .....	710	15	10,650	90	9,585	10 65	7,561	2,024	.....
Washington .....	93,636	9	842,724	78	657,325	9 65	903,587	.....	246,262
Wayne .....	27,320	10	273,200	75	204,900	9 60	262,272	.....	57,372
White .....	45,421	13	590,473	75	442,855	9 25	420,144	22,711	.....
Whiteside .....	*322	*14	4,508	*76	3,426	10 15	3,268	158	.....
Will .....	1,264	20	25,280	85	21,488	11 15	14,094	7,394	.....
Williamson .....	22,682	9	204,138	74	151,062	8 40	190,529	.....	39,467
Winnebago .....	1,926	20	38,520	*76	29,275	10 75	20,704	8,571	.....
Woodford .....	3,778	*14	52,892	*76	40,197	9 95	37,591	2,606	.....
Total or Av.	2,673,671	14	32,900,237	\$0 75	\$24,858,936	\$10 75	\$28,784,484	\$1,328,936	\$5,254,484

\*Estimated.

## WHEAT RAISED AND CONSUMED—(Spring and Winter).

Counties.	Bushels produced 1884.....	Average 1884, re- turned by as- sessors.....	Bushels required for seed.....	Population.....	Bushels consum'd	Bushels used for seed and con- sumption.....	Surplus.....	Deficit.....
Adams.....	1,203,361	80,220	106,960	59,148	236,592	343,552	859,809	.....
Alexander.....	149,291	11,480	15,307	14,809	59,236	74,543	74,748	.....
Bond.....	356,370	39,585	52,780	14,873	59,492	112,272	244,098	.....
Boone.....	34,113	1,656	2,208	11,527	46,108	48,316	.....	14,203
Brown.....	438,464	27,404	36,539	13,044	52,176	88,715	349,749	.....
Bureau.....	51,489	3,212	4,283	33,189	132,756	137,039	.....	85,550
Calhoun.....	397,360	24,835	33,113	7,471	29,884	62,997	334,363	.....
Carroll.....	64,400	4,399	5,865	16,985	67,940	73,805	.....	9,405
Cass.....	341,100	20,074	26,765	14,494	57,976	84,741	256,359	.....
Champaign.....	534,622	35,630	47,507	40,869	163,476	210,983	323,639	.....
Christian.....	721,896	71,142	94,856	28,232	112,928	207,784	514,112	.....
Clark.....	257,355	36,702	48,936	21,900	87,600	136,536	120,819	.....
Clay.....	172,368	28,728	38,304	16,195	64,780	103,084	69,284	.....
Clinton.....	1,096,685	72,978	97,304	18,718	74,872	172,176	924,509	.....
Coles.....	287,079	26,069	34,759	27,055	108,220	142,979	144,100	.....
Cook.....	16,628	1,307	1,743	607,719	2,430,876	2,432,619	.....	2,415,991
Crawford.....	254,052	36,270	48,360	16,190	64,760	113,120	140,932	.....
Cumberland.....	404,894	28,921	38,561	13,762	55,048	93,609	311,285	.....
DeKalb.....	13,608	1,036	1,381	26,774	107,096	108,477	.....	94,869
DeWitt.....	162,552	*9,058	12,077	17,014	68,056	80,133	82,419	.....
Douglas.....	157,138	12,076	16,101	15,857	63,428	79,529	77,609	.....
DuPage.....	22,025	969	1,292	19,187	76,748	78,040	.....	56,015
Edgar.....	518,327	47,102	62,803	25,504	102,016	164,819	353,508	.....
Edwards.....	396,528	24,783	33,044	8,600	34,400	67,444	329,084	.....
Effingham.....	299,192	37,399	49,865	18,924	75,696	125,561	173,631	.....
Fayette.....	377,950	50,569	67,425	23,243	92,972	160,397	217,553	.....
Ford.....	7,599	506	675	15,105	60,420	61,095	.....	53,496
Franklin.....	41,833	*5,566	7,421	16,129	64,516	71,937	.....	30,104
Fulton.....	753,976	37,844	50,459	41,249	164,996	215,455	538,521	.....
Gallatin.....	574,000	41,000	54,667	12,862	51,448	106,115	467,885	.....
Greene.....	704,924	57,487	76,649	23,014	92,056	168,705	536,219	.....
Grundy.....	3,546	213	284	16,738	66,952	67,236	.....	63,690
Hamilton.....	150,745	21,535	28,713	16,712	66,848	95,561	55,184	.....
Hancock.....	430,954	28,719	38,292	35,352	141,408	179,700	251,254	.....
Hardin.....	26,436	2,203	2,937	6,024	24,096	27,033	.....	597
Henderson.....	89,035	*4,551	6,068	10,755	43,020	49,088	39,947	.....
Henry.....	31,622	2,011	2,681	36,609	146,436	149,117	.....	117,495
Iroquois.....	62,864	4,483	5,977	35,457	141,828	147,805	.....	84,941
Jackson.....	568,872	47,406	63,208	22,508	90,032	153,240	415,632	.....
Jasper.....	152,515	30,481	40,641	14,515	58,060	98,701	53,814	.....
Jefferson.....	429,751	61,393	81,857	20,686	82,744	164,601	265,150	.....
Jersey.....	802,101	*53,473	71,297	15,546	62,184	133,481	668,620	.....
JoDaivess.....	122,961	5,754	7,672	27,534	110,136	117,808	5,153	.....
Johnson.....	214,170	21,417	28,556	13,079	52,316	80,872	133,298	.....
Kane.....	7,929	537	716	44,956	179,824	180,540	.....	172,611
Kankakee.....	35,184	2,503	3,337	24,961	99,844	103,181	.....	67,997
Kendall.....	2,873	221	295	13,084	52,336	52,631	.....	49,758
Knox.....	72,084	3,667	4,889	38,360	153,440	158,329	.....	86,245
Lake.....	48,222	2,640	3,520	21,299	85,196	88,716	.....	40,494
LaSalle.....	69,119	4,273	5,697	20,420	281,680	287,377	.....	218,258
Lawrence.....	377,330	37,727	50,303	13,663	54,652	104,955	272,375	.....
Lee.....	*86,200	*5,400	7,200	27,494	109,976	117,176	.....	30,976
Livingston.....	11,644	822	1,096	38,450	153,800	154,896	.....	143,252



## WHEAT—Continued.

Counties.	Bushels produced 1884.....	Average 1884, re- turned by as- sessors.....	†Bushels required for seed.....	Population.....	†Bushels consumed	Bushels used for seed and con- sumption.....	Surplus.....	Deficit.....
Logan .....	498,201	33,166	44,221	25,041	100,164	144,385	353,816	.....
Macon .....	354,228	29,506	39,341	30,671	122,684	162,025	192,203	.....
Macoupin .....	1,092,047	99,277	132,369	37,705	150,820	283,189	808,858	.....
Madison .....	1,284,272	116,752	155,669	50,141	200,564	356,233	928,039	.....
Marion .....	318,808	39,848	53,131	23,691	94,764	147,895	170,913	.....
Marshall .....	12,800	*700	933	15,036	60,144	61,077	.....	48,277
Mason .....	*139,572	*11,064	14,752	16,244	64,976	79,728	59,844	.....
Massac .....	228,024	19,002	25,346	10,443	41,772	67,108	160,916	.....
McDonough .....	193,848	*10,899	14,452	27,984	111,936	126,338	67,460	.....
McHenry .....	83,476	4,358	5,811	24,914	99,656	105,467	.....	21,991
McLean .....	99,072	6,237	8,316	60,115	240,460	248,776	.....	149,704
Menard .....	470,145	36,165	48,220	13,028	52,112	100,332	369,813	.....
Mercer .....	15,550	1,032	1,376	19,501	78,004	79,880	.....	63,830
Monroe .....	1,317,410	67,372	89,829	13,682	54,728	144,557	1,202,883	.....
Montgomery .....	1,018,229	92,564	123,419	28,086	112,314	235,763	782,466	.....
Morgan .....	*340,332	*41,538	55,384	31,519	126,076	181,460	198,872	.....
Moultrie .....	175,494	15,954	21,272	13,705	54,820	76,092	99,402	.....
Ogle .....	92,274	4,695	6,260	29,946	119,784	126,044	.....	33,770
Perry .....	110,839	5,854	7,805	55,419	221,676	229,481	.....	118,642
Perry .....	269,500	*38,491	51,321	16,008	64,032	115,353	154,147	.....
Piatt .....	203,722	11,319	15,092	15,583	62,332	77,424	126,298	.....
Pike .....	1,736,850	96,496	128,661	33,761	135,041	263,705	1,473,145	.....
Pope .....	217,002	*21,693	28,924	13,256	53,024	81,948	135,054	.....
Pulaski .....	124,410	9,570	12,760	9,507	38,028	50,788	73,622	.....
Putnam .....	20,323	1,288	1,717	5,555	22,220	23,937	.....	3,609
Randolph .....	1,222,338	94,026	125,368	25,691	102,764	228,132	994,206	.....
Richland .....	185,970	30,995	41,327	15,546	62,184	103,511	82,459	.....
Rock Island .....	30,105	1,645	2,193	38,314	153,256	155,449	.....	125,344
Saline .....	143,793	15,851	21,135	15,940	63,760	84,895	58,898	.....
Sangamon .....	755,464	53,941	71,921	92,902	211,608	283,529	471,935	.....
Schuyler .....	570,805	53,581	44,775	16,249	64,996	109,771	461,034	.....
Scott .....	178,831	11,921	15,895	10,745	42,980	58,875	119,956	.....
Shelby .....	660,308	55,006	73,341	30,282	121,128	191,469	465,839	.....
Stark .....	6,090	406	511	11,209	44,836	45,377	.....	39,287
St. Clair .....	1,660,453	127,726	170,301	61,850	247,400	417,701	1,242,752	.....
Stephenson .....	175,541	9,364	12,485	31,970	127,880	140,365	35,176	.....
Tazewell .....	390,416	27,849	37,132	29,679	118,716	155,848	234,568	.....
Union .....	323,708	23,122	30,496	18,100	72,400	102,806	220,812	.....
Vermilion .....	381,616	29,347	39,129	41,600	166,400	205,529	176,087	.....
Wabash .....	326,160	27,180	36,240	9,945	39,780	76,020	250,140	.....
Warren .....	16,380	1,092	1,456	22,940	91,760	93,216	.....	76,836
Washington .....	842,836	93,643	124,857	21,117	84,468	209,325	633,511	.....
Wayne .....	273,200	27,320	36,427	21,297	85,188	121,615	151,585	.....
White .....	590,473	45,421	60,161	23,089	92,356	152,917	437,556	.....
Whiteside .....	20,796	*1,340	1,787	30,888	123,552	125,339	.....	104,543
Will .....	31,172	1,755	2,340	53,424	213,696	216,036	.....	184,864
Williamson .....	204,746	22,720	30,293	19,326	77,301	107,597	97,149	.....
Winnebago .....	75,393	4,095	5,469	30,518	122,072	127,532	.....	52,139
Woodford .....	56,956	4,032	5,376	21,630	86,520	91,896	.....	34,940
Total .....	34,217,349	2,775,594	3,700,452	3,078,636	12,314,544	16,014,996	23,096,076	4,893,723

† Seed per acre, 1½ bushels.

‡ Bushels consumed, per capita, 4.

\* Estimated.

## SPRING WHEAT.

Counties.	Acreage 1884, returned by assessors.....	Yield per acre in bushels.....	Total yield in bushels.....	Price per bushel....	Value of crop.	Cost of pro- duction per acre.....	Total cost of production...	Profit on crop.	Loss on crop..
Adams.....	61	*16	976	*\$0 77	\$751	\$10 85	\$662	\$89	.....
Alexander.....	17	*16	272	*77	209	12 60	214	.....	\$5
Bond.....	15	*16	240	*77	185	10 45	157	28	.....
Boone.....	1,041	18	18,738	77	14,428	11 40	11,867	2,561	.....
Brown.....	20	*16	320	*77	246	10 60	212	34	.....
Bureau.....	2,109	15	31,635	*77	24,360	10 00	21,090	3,270	.....
Calhoun.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Carroll.....	1,407	*16	22,512	*77	17,334	11 75	16,532	802	.....
Cass.....	158	*16	2,528	*77	1,946	11 25	1,777	169	.....
Champaign.....	172	*16	2,752	*77	2,119	11 25	1,935	184	.....
Christian.....	1,746	*16	27,936	*77	21,511	10 95	19,019	2,492	.....
Clark.....	49	*16	784	*77	604	9 75	478	126	.....
Clay.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Clinton.....	2,015	*16	32,240	*77	24,825	*10 55	21,258	3,567	.....
Coles.....	64	*16	1,024	*77	788	10 20	653	135	.....
Cook.....	1,189	12	14,268	80	11,314	10 50	12,484	.....	1,170
Crawford.....	18	*16	288	*77	222	9 85	177	45	.....
Cumberland.....	.....	.....	.....	.....	.....	8 80	.....	.....	.....
DeKalb.....	889	12	10,668	*77	8,214	11 30	10,046	.....	1,832
DeWitt.....	*164	15	2,460	*77	1,894	8 95	1,468	426	.....
Douglas.....	50	*16	800	*77	616	10 85	542	74	.....
DuPage.....	769	25	19,225	*77	14,803	12 25	9,420	5,383	.....
Edgar.....	41	*16	656	*77	505	9 30	381	124	.....
Edwards.....	146	*16	2,336	*77	1,799	10 90	1,591	208	.....
Effingham.....	.....	.....	.....	.....	.....	10 65	.....	.....	.....
Fayette.....	2,663	*16	42,608	*77	32,808	*10 55	28,095	4,713	.....
Ford.....	9	*16	144	*77	111	9 35	84	27	.....
Franklin.....	*319	*16	5,104	*77	3,930	8 25	2,632	1,298	.....
Fulton.....	726	*16	11,616	*77	8,944	9 65	7,006	1,938	.....
Gallatin.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Greene.....	53	*16	848	*77	653	11 25	596	57	.....
Grundy.....	94	20	1,880	*77	1,448	10 70	1,006	442	.....
Hamilton.....	.....	.....	.....	.....	.....	8 95	.....	.....	.....
Hancock.....	169	*16	2,704	*77	2,082	11 40	1,927	155	.....
Hardin.....	.....	.....	.....	.....	.....	9 65	.....	.....	.....
Henderson.....	*397	15	5,955	*77	4,585	9 70	3,851	734	.....
Henry.....	1,734	*16	27,744	70	19,421	12 10	20,981	.....	1,560
Iroquois.....	51	*16	816	*77	628	9 25	472	156	.....
Jackson.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jasper.....	10	*16	160	*77	123	6 80	68	55	.....
Jefferson.....	.....	.....	.....	.....	.....	9 65	.....	.....	.....
Jersey.....	*6	*16	96	*77	74	11 90	71	3	.....
Jo Daviess.....	2,321	*16	37,136	75	27,852	12 20	39,296	.....	11,444
Johnson.....	.....	.....	.....	.....	.....	7 50	.....	.....	.....
Kane.....	411	15	6,165	75	4,624	15 15	6,227	.....	1,603
Kankakee.....	71	*16	1,136	*77	875	10 05	713	162	.....
Kendall.....	143	13	1,859	75	1,394	12 05	1,723	.....	329
Knox.....	314	*16	5,024	*77	3,868	11 30	3,548	320	.....
Lake.....	2,289	18	41,202	85	35,022	10 90	24,950	10,072	.....
LaSalle.....	1,724	12	20,688	67	13,861	10 90	18,792	.....	4,931
Lawrence.....	10	*16	160	*77	123	*10 55	105	18	.....
Lee.....	.....	18	.....	77	.....	11 25	.....	.....	.....
Livingston.....	68	*16	1,088	*77	838	11 25	765	73	.....

## SPRING WHEAT—Continued.

Counties.	Acreage 1884, returned by assessors.....	Yield per acre in bushels.....	Total yield in bushels.....	Price per bushel....	Value of crop..	Cost of pro- duction per acre.....	Total cost of production...	Profit on crop.	Loss on crop..
Logan .....	711	*16	11,376	*\$0 77	\$8,759	\$10 30	\$7,323	\$1,436	.....
Macon .....	39	*16	624	*77	480	9 85	384	96	.....
Macoupin .....						11 40			.....
Madison .....									.....
Marion .....	3	*16	48	*77	37	8 75	26	11	.....
Marshall .....	*100	20	2,000	*77	1,540	10 65	1,065	475	.....
Mason .....		10				10 00			.....
Massac .....									.....
McDonough .....	*627	*16	10,032	*77	7,725	10 10	6,333	1,392	.....
McHenry .....	3,729	18	67,122	85	57,054	10 70	39,800	17,254	.....
McLean .....	144	11	1,584	*77	1,220	10 40	1,497		277
Menard .....									.....
Mercer .....	551	*16	8,816	*77	6,788	10 20	5,620	1,168	.....
Monroe .....									.....
Montgomery .....	5	*16	80	*77	62	*10 55	53	9	.....
Morgan .....						11 50			.....
Moultrie .....									.....
Ogle .....	1,224	13	15,912	*77	12,252	10 45	12,729		477
Peoria .....	129	*16	2,064	80	1,651	11 00	1,419	232	.....
Perry .....	*7	*16	112	*77	86	9 55	67	19	.....
Piatt .....	10	*16	160	*77	123	10 65	106	17	.....
Pike .....	39	*16	624	*77	480	12 95	405	75	.....
Pope .....	*12	*16	192	*77	148	9 25	111	37	.....
Pulaski .....									.....
Putnam .....	287	22	6,314	*77	4,862	9 85	2,826	2,036	.....
Randolph .....				75					.....
Richland .....									.....
Rock Island .....	1,415	19	26,885	*77	20,701	11 45	16,101	4,600	.....
Saline .....	162	*16	2,592	*77	1,996	7 70	1,247	749	.....
Sangamon .....	145	*16	2,320	*77	1,786	11 60	1,682	104	.....
Schuyler .....	72	*16	1,152	*77	887	10 00	720	167	.....
Scott .....	16	*16	256	*77	197	11 20	179	18	.....
Shelby .....	59	*16	944	*77	727	10 95	641	86	.....
Stark .....	136	15	2,040	*77	1,571	11 45	1,557	14	.....
St. Clair .....	5	*16	80	*77	62	14 25	71		9
Stephenson .....	3,913	17	66,521	72	47,895	10 65	41,673	6,222	.....
Tazewell .....	265	*16	4,240	*77	3,265	10 85	2,875	390	.....
Union .....						*10 55			.....
Vermilion .....	35	*16	560	*77	431	10 15	355	76	.....
Wabash .....									.....
Warren .....	382	15	5,730	85	4,870	10 65	4,068	802	.....
Washington .....	7	*16	112	*77	86	9 65	67	19	.....
Wayne .....									.....
White .....						9 25			.....
Whiteside .....	*1,018	*16	16,288	80	13,030	10 15	10,333	2,697	.....
Will .....	491	12	5,892	*77	4,537	11 15	5,475		938
Williamson .....	38	*16	608	*77	468	*10 55	401	67	.....
Winnebago .....	2,169	17	36,873	82	30,236	10 75	23,317	6,919	.....
Woodford .....	254	*16	4,064	*77	3,129	9 95	2,538	591	.....
Total or av'r'ge	43,921	16	711,008	\$0 77	\$551,078	\$11 10	\$487,935	\$87,718	\$24,575

\*Estimated.



## OATS.

Counties.	Acreage 1884, re- turned by asses- sors.....	Yield per acre in bushels.....	Total yield in bushels.....	Price per bushel..	Value of crop.....	Cost of production per acre.....	Total cost of pro- duction.....	Profit on crop.....	Loss on crop.....
Adams.....	31,854	34	1,083,036	\$.025	\$270,759	\$9 90	\$315,355	.....	\$44,596
Alexander.....	514	40	20,560	37	7,607	8 35	4,292	\$3,315	.....
Bond.....	19,619	29	568,951	25	142,238	8 30	162,837	.....	20,599
Boone.....	28,913	47	1,358,911	27	366,906	10 90	315,152	51,754	.....
Brown.....	7,105	36	255,780	20	51,156	9 45	67,142	.....	15,986
Bureau.....	62,375	40	2,495,000	*25	623,750	9 85	614,594	9,356	.....
Calhoun.....	2,121	30	63,630	*25	15,907	11 75	24,921	.....	9,014
Carroll.....	35,766	45	1,609,470	25	402,367	10 85	388,061	14,306	.....
Cass.....	9,400	39	369,600	21	76,986	10 40	97,760	.....	20,774
Champaign.....	76,049	35	2,661,715	*25	665,429	10 10	768,095	.....	102,666
Christian.....	25,370	27	684,990	18	123,298	9 75	247,357	.....	124,059
Clark.....	15,111	30	453,330	20	90,666	7 45	112,777	.....	22,111
Clay.....	20,233	27	546,291	20	109,258	9 05	183,109	.....	73,851
Clinton.....	24,254	33	800,382	25	200,095	8 45	204,946	.....	4,851
Coles.....	14,126	28	395,538	23	90,971	9 25	130,705	.....	39,794
Cook.....	62,155	27	1,673,185	30	503,455	11 35	705,459	.....	202,004
Crawford.....	7,987	33	263,571	20	52,714	6 50	51,915	799	.....
Cumberland.....	12,310	25	307,750	39	120,022	7 80	96,018	24,004	.....
DeKalb.....	61,680	40	2,467,200	28	690,810	10 95	675,396	15,420	.....
DeWitt.....	*27,617	33	911,361	22	200,499	9 20	254,076	.....	53,577
Douglas.....	18,829	32	602,528	20	120,596	8 00	161,929	.....	41,423
DuPage.....	36,088	47	1,696,136	30	508,841	11 60	418,621	90,220	.....
Edgar.....	14,585	27	393,795	*25	98,449	8 50	128,972	.....	25,523
Edwards.....	7,876	27	212,652	21	44,657	9 20	72,459	.....	27,802
Effingham.....	31,354	29	909,266	20	181,853	8 85	277,483	.....	95,630
Fayette.....	24,297	23	558,831	*25	139,708	7 40	179,797	.....	40,089
Ford.....	41,745	32	1,335,840	*25	333,960	8 50	354,832	.....	20,872
Franklin.....	*915	30	27,450	20	5,490	6 90	6,313	.....	823
Fulton.....	34,554	35	1,209,390	22	266,066	10 95	347,267	.....	81,201
Gallatin.....	5,642	30	169,260	22	37,237	10 55	59,523	.....	22,286
Greene.....	5,951	28	166,628	27	44,989	11 75	69,924	.....	24,935
Grundy.....	37,048	37	1,370,776	28	383,817	10 80	400,118	.....	16,301
Hamilton.....	8,264	28	231,392	17	39,337	6 80	56,195	.....	16,858
Hancock.....	51,334	31	1,591,354	21	334,184	8 90	456,873	.....	122,689
Hardin.....	658	27	17,766	*25	4,441	8 20	5,396	.....	955
Henderson.....	*21,944	37	811,928	*25	202,982	9 35	205,176	.....	2,194
Henry.....	79,902	45	3,595,590	21	755,074	12 60	1,006,765	.....	251,691
Iroquois.....	88,613	35	3,101,455	27	837,393	8 40	744,349	93,044	.....
Jackson.....	6,654	27	179,658	25	44,914	9 25	61,549	.....	16,635
Jasper.....	16,500	25	412,500	*25	103,123	6 50	107,250	.....	4,125
Jefferson.....	16,417	27	443,259	30	132,978	7 65	125,590	7,388	.....
Jersey.....	*6,147	40	245,880	*25	61,479	9 15	56,245	5,225	.....
JoDavies.....	39,244	42	1,648,248	31	510,957	10 60	415,986	94,971	.....
Johnson.....	2,401	28	67,228	*25	16,807	6 65	15,967	840	.....
Kane.....	35,053	35	1,226,855	27	331,251	11 65	408,367	.....	77,116
Kankakee.....	42,409	37	1,569,133	25	392,283	9 25	392,283	.....	.....
Kendall.....	31,917	37	1,180,929	26	307,041	11 15	355,874	.....	48,833
Knox.....	58,672	40	2,346,880	*25	856,720	10 25	601,388	255,332	.....
Lake.....	26,179	35	916,265	30	274,879	10 25	268,333	6,544	.....
LaSalle.....	94,115	37	3,482,255	23	870,564	10 05	945,856	.....	75,292
Lawrence.....	6,609	24	158,616	25	39,651	9 25	61,133	.....	21,479
Lee.....	.....	40	.....	24	.....	9 90	.....	.....	.....
Livingston.....	110,907	37	4,103,559	22	902,783	9 80	1,086,889	.....	184,106

## OATS—Continued.

Counties.	Acreage 1881, re- turned by assess- ors.....	Yield per acre in bushels.....	Total yield in bushels.....	Price per bushel..	Value of crop.....	Cost of production per acre.....	Total cost of pro- duction.....	Profit on crop.....	Loss on crop.....
Logan.....	36,744	32	1,175,808	\$0 20	\$235,162	\$9 45	\$347,230	.....	\$112,068
Macon.....	40,113	33	1,323,729	22	291,220	9 25	371,045	.....	79,825
Macoupin.....	22,818	32	730,176	23	167,940	9 05	206,503	.....	38,563
Madison.....	17,873	30	536,190	25	134,047	10 35	184,985	.....	50,918
Marion.....	23,606	30	708,180	*25	177,045	6 95	164,062	\$12,983	.....
Marshall.....	*34,000	42	1,428,000	24	328,440	11 65	396,100	.....	67,660
Mason.....	.....	28	.....	20	.....	8 95	.....	.....	857
Massac.....	1,558	28	43,624	35	15,268	10 35	16,125	.....	.....
McDonough.....	*34,700	35	1,214,500	50	607,250	9 90	343,530	263,720	.....
McHenry.....	39,092	42	1,640,604	30	492,181	9 65	376,948	115,233	.....
McLean.....	109,779	34	3,732,486	22	821,147	9 60	1,053,878	.....	232,731
Menard.....	11,000	37	407,000	20	81,400	9 85	108,350	.....	26,950
Mercer.....	42,353	40	1,694,120	25	423,530	9 65	408,706	14,824	.....
Monroe.....	7,761	30	232,830	35	81,490	12 10	93,908	.....	12,418
Montgomery.....	35,456	27	957,312	20	191,462	7 80	276,557	.....	85,095
Morgan.....	.....	33	.....	26	.....	10 80	.....	.....	.....
Moultrie.....	15,026	31	465,806	20	93,161	8 60	129,224	.....	36,063
Ogle.....	80,138	34	2,724,692	*27	681,171	9 85	789,359	.....	108,186
Peoria.....	41,718	42	1,752,156	32	560,690	11 15	465,556	95,134	.....
Perry.....	*10,204	39	397,956	22	87,550	9 30	94,897	.....	7,847
Piatt.....	18,900	30	567,000	16	90,720	10 65	201,285	.....	110,565
Pike.....	11,453	42	481,026	*23	120,256	12 75	146,025	.....	25,769
Pope.....	*3,742	25	93,550	*25	23,387	7 20	26,942	.....	3,555
Pulaski.....	948	29	27,492	40	10,997	8 95	8,484	2,513	.....
Putnam.....	10,170	45	457,650	25	114,412	10 45	106,276	8,136	.....
Randolph.....	17,101	35	598,610	27	161,633	10 10	172,750	.....	11,117
Richland.....	14,850	33	490,050	19	93,109	8 30	123,255	.....	30,146
Rock Island.....	23,086	37	854,182	22	187,920	10 80	249,329	.....	61,409
Saline.....	3,323	37	122,951	25	30,738	6 05	20,104	10,634	.....
Sangamon.....	24,809	37	917,933	23	211,124	10 10	250,571	.....	39,447
Schuyler.....	10,388	43	446,684	24	107,204	9 35	97,128	10,076	.....
Scott.....	1,099	40	43,960	*25	10,990	10 00	10,990	.....	.....
Shelby.....	31,867	41	1,306,547	*25	326,637	10 15	323,450	3,187	.....
Stark.....	26,868	42	1,128,456	24	270,829	10 75	288,831	.....	18,002
St. Clair.....	19,403	37	718,096	*25	179,524	11 70	227,074	.....	47,550
Stephenson.....	52,288	34	1,986,944	25	496,736	9 95	520,266	.....	23,530
Tazewell.....	45,301	33	1,494,933	23	343,834	10 00	453,010	.....	109,176
Union.....	3,641	31	112,871	45	50,792	*9 40	34,225	16,567	.....
Vermilion.....	47,714	37	1,765,418	*25	441,354	9 05	431,812	9,542	.....
Wabash.....	4,602	29	133,458	*25	33,364	8 55	39,347	.....	5,983
Warren.....	43,149	45	1,941,705	25	485,426	10 30	444,435	40,991	.....
Washington.....	31,214	27	842,778	*25	210,694	8 00	249,712	.....	39,018
Wayne.....	15,949	30	478,470	21	100,479	7 85	125,200	.....	24,721
White.....	7,163	31	222,053	*25	55,513	7 20	51,574	3,939	.....
Whiteside.....	*39,640	*34	1,347,760	*25	336,940	11 30	447,932	.....	110,992
Will.....	92,515	38	3,515,570	30	1,054,671	9 90	915,898	138,773	.....
Williamson.....	3,457	30	103,710	20	20,742	7 25	25,063	.....	4,321
Winnebago.....	55,466	41	2,274,106	25	568,526	10 10	560,207	8,319	.....
Woodford.....	56,155	32	1,796,960	*25	449,240	10 80	606,474	.....	157,234
Total or av....	2,867,560	36	102,411,665	25	\$26,047,256	\$9 85	\$28,254,143	\$1,427,089	\$3,633,976

## RYE.

Counties.	Average 1884, returned by assessors.....	Yield per acre, in bushels....	Total yield in bushels.....	Price per bushel....	Value of crop.	Cost of produc- tion per acre.	Total cost of production...	Profit on crop.	Loss on crop..
Adams.....	1,198	12	14,376	*\$0 52	\$7,475	\$9 35	\$11,201		\$3,726
Alexander.....	33	15	495	*52	257	11 10	366		109
Bond.....	720	10	7,200	60	4,320	*9 80	7,056		2,736
Boone.....	1,965	25	49,125	52	25,545	10 25	20,141	\$5,404	
Brown.....	651	16	10,416	45	4,687	10 05	6,542		1,855
Bureau.....	6,688	20	133,760	*52	69,555	9 90	66,211	3,344	
Calhoun.....		25				14 00			
Carroll.....	47,345	12	568,140	57	323,840	11 45	542,100		218,260
Cass.....	430	10	4,300	*52	2,236	10 10	4,343		2,107
Champaign.....	4,043	20	80,860	*52	42,047	11 05	44,675		2,628
Christian.....	361	15	5,415	*52	2,816	10 75	3,881		1,065
Clark.....	512	7	3,584	65	2,330	9 75	4,992		2,662
Clay.....	262	12	3,144	*52	1,635	10 75	2,816		1,181
Clinton.....	122	12	1,464	*52	761	8 60	1,049		288
Coles.....	460	11	5,060	60	3,036	8 95	4,117		1,081
Cook.....	937	16	14,992	60	8,995	11 00	10,307		1,312
Crawford.....	265	12	3,180	50	1,590	*9 80	2,597		1,007
Cumberland.....	368	20	7,360	45	3,312	8 85	3,257	55	
DeKalb.....	1,917	20	38,340	*52	19,937	10 85	20,799		862
DeWitt.....	*3,216	16	51,456	50	25,728	9 55	30,713		4,985
Douglas.....	440	12	5,280	48	2,534	9 10	4,004		1,470
DuPage.....	1,929	20	38,580	60	23,148	12 05	23,244		96
Edgar.....	440	10	4,400	*52	2,288	*9 80	4,312		2,024
Edwards.....	34	*15	510	*52	265	*9 80	333		68
Effingham.....	495	12	5,940	50	2,970	9 15	4,529		1,559
Fayette.....	452	8	3,616	*52	1,880	7 35	3,322		1,442
Ford.....	1,246	22	27,412	*52	14,254	7 90	9,843	4,411	
Franklin.....	*5	*15	75	*52	39	*9 80	49		10
Fulton.....	8,087	13	105,131	50	52,565	9 95	80,466		27,901
Gallatin.....	300	*15	4,500	*52	2,340	9 40	2,820		480
Greene.....	194	*15	2,910	*52	1,513	*9 80	1,901		388
Grundy.....	1,366	18	24,588	*52	12,785	11 65	15,914		3,129
Hamilton.....	6	9	54	*52	28	6 70	40		12
Hancock.....	3,689	13	47,957	50	23,978	9 05	33,985		9,407
Hardin.....	23	*15	345	*52	179	8 75	201		22
Henderson.....	*7,307	17	124,219	*52	64,594	9 55	69,782		5,188
Henry.....	7,586	17	128,962	35	45,137	11 90	90,273		45,136
Iroquois.....	6,542	11	71,962	58	41,738	8 35	54,626		12,888
Jackson.....	25	12	300	75	225	10 15	254		29
Jasper.....	528	*15	7,920	*52	4,118	7 15	3,775	343	
Jefferson.....	198	12	2,376	*52	1,235	8 05	1,594		359
Jersey.....	*61	20	1,220	*52	634	*9 80	598	36	
JoDavies.....	1,633	*15	24,495	45	11,023	9 90	16,167		5,144
Johnson.....	20	*15	300	*52	156	9 35	187		31
Kane.....	2,688	20	53,760	*52	27,955	12 30	33,062		5,107
Kankakee.....	8,416	*15	126,240	50	63,120	9 60	80,794		17,674
Kendall.....	1,148	18	20,664	60	12,398	11 95	13,719		1,321
Knox.....	4,217	14	59,038	*52	30,700	10 15	42,802		12,102
Lake.....	496	18	8,928	56	5,000	10 45	5,183		183
LaSalle.....	3,051	17	51,867	50	25,933	10 65	32,493		6,560
Lawrence.....	222	*15	3,330	*52	1,732	6 85	1,521	211	
Lee.....						9 70			
Livingston.....	5,135	21	107,835	*52	56,074	10 25	52,634	3,440	



## RYE—Continued.

Counties.	Acreage 1884, returned by assessors....	Yield per acre, in bushels....	Total yield in bushels.....	Price per bushel....	Value of crop.	Cost of produc- tion per acre.	Total cost of production....	Profit on crop.	Loss on crop..
Logan .....	1,627	20	32,540	\$0 45	\$14,643	\$9 45	\$15,375	.....	\$732
Macon .....	470	12	5,640	*52	2,933	9 55	4,488	.....	1,555
Macoupin .....	192	12	2,304	45	1,037	*9 80	1,882	.....	845
Madison .....	480	20	9,600	50	4,800	12 95	6,216	.....	1,416
Marion .....	277	*15	4,155	*52	2,161	6 70	1,856	305	.....
Marshall .....	*3,000	15	45,000	53	23,850	11 45	34,350	.....	10,500
Mason .....									
Massac .....	41	8	328	*52	170	*9 80	402	.....	232
McDonough .....	*10,464	20	209,280	50	104,640	10 15	106,210	.....	1,570
McHenry .....	1,368	25	34,200	60	20,520	9 00	12,312	8,208	.....
McLean .....	9,041	14	126,574	50	63,287	9 30	84,081	.....	20,794
Monard .....	1,150	17	19,550	43	8,406	9 05	10,407	.....	2,001
Mercer .....	5,101	15	76,515	50	38,257	9 90	50,500	.....	12,243
Monroe .....	97	21	2,037	*52	1,059	12 40	1,203	.....	144
Montgomery .....	592	12	7,104	65	4,618	8 50	5,032	.....	414
Morgan .....						10 15			
Moultrie .....	69	12	828	*52	430	8 20	566	.....	136
Ogle .....	6,438	24	154,512	*52	80,346	9 60	61,805	18,541	.....
Peoria .....	4,135	18	74,430	60	44,658	10 75	44,451	207	.....
Perry .....	*77	7	539	45	242	10 65	820	.....	578
Piatt .....	691	15	10,365	*52	5,390	10 35	7,152	.....	1,762
Pike .....	318	*15	4,770	*52	2,480	9 75	3,100	.....	620
Pope .....		*15							
Pulaski .....	81	15	1,215	*52	632	*9 80	794	.....	162
Putnam .....	1,210	*15	18,150	48	8,712	9 70	11,737	.....	3,025
Randolph .....	90	20	1,800	*52	936	10 60	1,954	.....	18
Richland .....	212	8	1,696	50	848	7 40	1,569	.....	721
Rock Island .....	4,480	15	67,200	50	33,600	10 75	48,160	.....	14,560
Saline .....	6	8	48	*52	25	9 05	54	.....	29
Sangamon .....	1,759	13	22,867	*52	11,891	9 50	16,710	.....	4,819
Schuyler .....	542	16	8,672	46	3,989	8 95	4,851	.....	862
Scott .....	95	15	1,425	*52	741	10 30	978	.....	237
Shelby .....	770	13	10,010	*52	5,205	10 35	7,969	.....	2,764
Stark .....	1,731	19	32,889	50	16,444	10 90	18,868	.....	2,424
St. Clair .....	91	*15	1,365	*52	710	*9 80	892	.....	182
Stephenson .....	16,218	23	373,014	51	190,237	10 15	164,613	25,624	.....
Tazewell .....	2,004	9	18,036	47	8,477	9 95	19,940	.....	11,463
Union .....	88	15	1,320	85	1,122	*9 80	862	260	.....
Vermilion .....	2,085	20	41,700	48	20,016	9 15	19,078	938	.....
Wabash .....	8	*15	120	*52	62	*9 80	78	.....	16
Warren .....	2,435	18	43,830	50	21,915	10 10	24,593	.....	2,678
Washington .....	108	13	1,404	60	842	8 60	929	.....	87
Wayne .....	23	7	161	*52	84	*9 80	225	.....	141
White .....	72	12	864	*52	449	8 00	576	.....	127
Whiteside .....	*15,934	*15	239,010	52	124,235	11 00	175,274	.....	50,989
Will .....	2,725	17	46,325	*52	24,089	10 15	27,659	.....	3,570
Williamson .....	28	*15	420	*52	218	*9 80	274	.....	56
Winnebago .....	9,903	18	178,254	57	101,605	10 00	99,030	2,575	.....
Woodford .....	2,243	*15	33,645	*52	17,496	10 00	22,430	.....	4,934
Total or average.....	250,041	16	4,033,092	\$0 52	\$2,101,197	\$10 35	\$2,592,295	\$73,902	\$565,000

\*Estimated.

## BARLEY.

Counties.	Acreage, 1884, returned by assessors ....	Yield per acre, in bushels....	Total yield, in bushels.....	Price per bushel.....	Value of crop.	Cost of produc- tion per acre.	Total cost of production....	Profit on crop.	Loss on crop.
Adams.....	5	*26	130	*\$0 57	\$74	\$8 95	\$45	\$29	.....
Alexander.....									.....
Bond.....									.....
Boone.....	1,066	30	31,980	50	15,990	10 90	11,619	4,371	.....
Brown.....	5	*26	130	*57	74	*10 55	53	21	.....
Bureau.....	374	*26	9,744	*57	5,554	10 50	3,927	1,627	.....
Calhoun.....									.....
Carroll.....	1,680	*26	43,680	*57	24,898	10 15	17,052	7,846	.....
Cass.....	40	*26	1,040	*57	593	*10 55	422	171	.....
Champaign.....	2	*26	52	*57	30	10 55	21	9	.....
Christian.....	4	*26	104	*57	59	9 30	37	22	.....
Clark.....	1	*26	26	*57	15	*10 55	10	5	.....
Clay.....									.....
Clinton.....									.....
Coles.....	8	*26	208	*57	118	*10 55	84	34	.....
Cook.....	228	30	6,840	*57	3,899	9 10	2,075	1,824	.....
Crawford.....	80	*26	2,080	*57	1,186	*10 55	844	342	.....
Cumberland.....									.....
DeKalb.....	758	12	9,096	*57	5,185	11 05	8,376		\$3,191
DeWitt.....	*5	*26	130	*57	74	*10 55	53	21	.....
Douglas.....	240	*26	6,240	*57	3,557	*10 55	2,532	1,025	.....
DuPage.....	75	*26	1,950	*57	1,111	12 30	922	189	.....
Edgar.....	6	*26	156	*57	89	*10 55	63	26	.....
Edwardsville.....	4	*26	104	*57	59	*10 55	42	17	.....
Effingham.....									.....
Fayette.....	4	*26	104	*57	59	*10 55	42	17	.....
Ford.....	23	*26	598	*57	341	9 10	209	132	.....
Franklin.....									.....
Fulton.....									.....
Gallatin.....									.....
Greene.....									.....
Grundy.....									.....
Hamilton.....									.....
Hancock.....									.....
Hardin.....									.....
Henderson.....									.....
Henry.....	351	*26	9,126	*57	5,202	13 25	4,651	551	.....
Iroquois.....	65	20	1,300	*57	741	9 10	591	150	.....
Jackson.....	77	20	1,540	60	924	10 90	839	85	.....
Jasper.....									.....
Jefferson.....									.....
Jersey.....									.....
Jo Daviess.....	463	*26	12,038	*57	6,862	9 60	4,445	2,417	.....
Johnson.....									.....
Kane.....	91	40	3,640	*57	2,075	12 00	1,092	983	.....
Kankakee.....									.....
Kendall.....	15	*26	390	*57	222	11 85	178	44	.....
Knox.....									.....
Lake.....	816	30	24,480	64	15,667	10 45	8,527	7,140	.....
LaSalle.....	394	*26	10,344	*57	5,896	11 15	4,393	1,503	.....
Lawrence.....	80	28	2,240	50	1,120	8 30	664	456	.....
Lee.....									.....
Livingston.....	54	*26	1,408	*57	802	*10 55	570	232	.....

## BARLEY—Continued.

Counties.	Acreage 1884, returned by assessors.....	Yield per acre, in bushels....	Total yield, in bushels.....	Price per bushel....	Value of crop..	Cost of produc- tion per acre.	Total cost of production....	Profit on crop.	Loss on crop..
Logan.....									
Macon.....									
Macoupin.....									
Madison.....									
Marion.....	2	*26	52	*\$0 57	\$30	*\$10 55	\$21	\$9	
Marshall.....	*100	*26	2,600	*57	1,482	*10 55	1,055	427	
Mason.....									
Massac.....									
McDonough.....	*10	*26	260	*57	148	*10 55	105	43	
McHenry.....	1,558	29	45,182	60	27,109	7 20	11,218	15,891	
McLean.....	20	*26	520	*57	29	9 40	188	108	
Menard.....	120	*26	3,120	*57	1,778	*10 55	1,266	512	
Mercer.....	10	*26	260	*57	148	*10 55	105	43	
Monroe.....	68	35	2,380	*57	1,357	11 70	796	561	
Montgomery.....	8	*26	208	*57	118	840	67	51	
Morgan.....									
Moultrie.....	24	*26	624	*57	356	*10 55	253	103	
Ogle.....	4,449	32	142,368	*57	81,150	9 90	44,045	37,105	
Peoria.....	7	*26	182	*57	104	*10 55	74	30	
Perry.....	*13	*26	338	*57	193	*10 55	137	56	
Piatt.....	8	*26	208	*57	118	11 25	90	28	
Pike.....									
Pope.....									
Pulaski.....									
Putnam.....									
Randolph.....	28	*26	728	*57	415	10 80	302	113	
Richland.....		19		80					
Rock Island.....	109	*26	2,834	*57	1,615	11 85	1,292	323	
Saline.....									
Sangamon.....	51	*26	1,326	*57	756	*10 55	538	218	
Schuyler.....									
Scott.....									
Shelby.....	28	*26	728	*57	415	10 55	295	120	
Stark.....									
St. Clair.....	155	28	4,340	*57	2,475	17 00	2,635		\$160
Stephenson.....	10,350	*26	269,100	40	107,640	10 50	108,675		1,035
Tazewell.....	37	*26	962	*57	548	9 95	368	180	
Union.....	47	*26	1,222	*57	696	*10 55	496	200	
Vermilion.....	24	*26	624	*57	357	*10 55	253	104	
Wabash.....	3	*26	78	*57	44	*10 55	32	12	
Warren.....	5	*26	130	*57	74	10 65	53	21	
Washington.....	28	*26	728	*57	415	*10 55	295	120	
Wayne.....	2	*26	52	*57	30	*10 55	21	9	
White.....	100	*26	2,600	*57	1,482	*10 55	1,055	427	
Whiteside.....	*343	*26	8,918	*57	5,063	10 20	3,499	1,564	
Will.....	47	*26	1,222	*57	696	9 60	451	245	
Williamson.....									
Winnebago.....	1,973	29	57,217	47	26,892	9 15	18,053	8,839	
Woodford.....	5	*26	130	*57	74	9 70	48	26	
Total or av'r'ge	26,746	27	732,139	\$0 50	\$366,550	\$10 17	\$272,159	\$98,777	\$4,386



## HAY.

Counties.	Average 1884. returned by assessors.....	Yield per acre, in tons.....	Total yield, in tons.....	Price per ton..	Value of crop.	Cost of produc- tion per acre.	Total cost of production...	Profit on crop.	Loss on crop..
Adams .....	35,540	1 1/2	53,310	\$5 50	\$293,205	\$8 75	\$310,975	.....	\$17,770
Alexander .....	1,135	2	2,270	11 65	26,445	7 45	8,456	\$17,989	.....
Bond .....	12,262	1 3/4	21,458	5 00	107,290	6 20	76,024	31,266	.....
Boone .....	27,690	1 3/4	48,457	4 50	218,056	7 90	218,751	.....	695
Brown .....	13,428	1 3/4	23,499	6 00	140,994	5 45	73,183	67,811	.....
Bureau .....	57,110	1 3/4	99,942	5 35	534,690	7 50	428,325	106,365	.....
Calhoun .....	5,803	1 1/2	8,704	9 00	78,336	9 20	53,388	24,948	.....
Carroll .....	33,713	2 1/4	75,854	4 00	303,416	6 25	210,706	92,710	.....
Cass .....	3,969	1 3/4	6,946	7 00	48,622	10 15	40,285	8,337	.....
Champaign .....	50,880	1 1/2	76,320	*6 00	457,920	5 75	292,560	165,360	.....
Christian .....	47,156	2	94,312	4 00	377,248	7 00	330,092	47,156	.....
Clark .....	22,278	1 1/2	33,417	3 90	130,326	7 35	163,743	.....	33,417
Clay .....	23,374	1 1/4	29,217	6 35	185,528	6 35	148,425	37,103	.....
Clinton .....	12,360	1 1/4	15,450	7 00	108,150	6 00	74,160	33,990	.....
Coles .....	22,527	1 1/2	33,790	3 85	130,091	7 15	161,068	.....	30,977
Cook .....	99,203	1	99,203	8 20	813,465	7 60	753,943	59,522	.....
Crawford .....	14,506	1 1/2	21,759	4 00	87,036	6 05	87,761	.....	725
Cumberland .....	23,671	1 1/2	35,506	3 75	133,147	5 00	118,355	14,792	.....
DeKalb .....	74,150	1 1/2	111,225	4 60	511,635	7 50	556,125	.....	44,490
De Witt .....	*16,245	2	32,490	4 25	138,082	6 35	103,156	34,926	.....
Douglas .....	26,254	1 3/4	45,944	3 85	176,884	6 25	164,087	12,797	.....
DuPage .....	42,836	1	42,836	9 00	385,524	10 45	447,636	.....	62,112
Edgar .....	35,889	1 1/4	44,861	4 50	201,874	7 00	251,323	.....	49,349
Edwards .....	11,526	1	11,526	6 50	74,919	7 20	82,987	.....	8,068
Effingham .....	24,151	1 1/4	30,189	4 25	128,303	6 10	147,321	.....	19,018
Fayette .....	21,588	1 1/2	32,882	6 65	215,340	6 55	141,401	73,939	.....
Ford .....	36,027	1	36,027	4 00	144,108	5 30	190,943	.....	46,835
Franklin .....	*940	1 1/4	1,105	5 50	6,077	5 25	4,935	1,142	.....
Fulton .....	40,151	2	80,302	5 50	441,661	7 60	305,148	136,513	.....
Gallatin .....	10,220	1 1/2	15,330	8 09	122,640	9 40	96,068	26,572	.....
Greene .....	16,141	1 1/2	24,211	6 75	163,424	8 50	137,198	26,226	.....
Grundy .....	43,179	1 3/4	53,974	5 20	280,665	6 65	287,140	.....	6,475
Hamilton .....	12,274	2	24,548	6 00	147,288	3 70	45,414	101,874	.....
Hancock .....	49,572	1 1/2	74,358	5 00	371,790	6 75	334,611	37,179	.....
Hardin .....	1,509	2 1/2	3,772	10 00	37,720	7 85	11,846	25,874	.....
Henderson .....	*14,191	2 1/4	31,929	5 50	175,609	7 80	110,690	64,919	.....
Henry .....	60,942	1 1/2	106,638	5 60	597,173	9 05	551,525	45,648	.....
Iroquois .....	83,881	1 1/4	104,851	4 60	482,315	6 10	511,674	.....	29,359
Jackson .....	13,583	1 1/2	20,374	9 35	190,497	7 10	96,439	94,058	.....
Jasper .....	23,130	*1 3/4	40,477	*6 00	161,908	5 65	130,684	31,224	.....
Jefferson .....	11,986	1 1/2	17,979	6 50	116,863	5 55	66,522	50,341	.....
Jersey .....	*10,354	2 1/4	25,296	7 00	163,072	8 35	92,668	70,404	.....
Jo Daviess .....	44,507	1 3/4	77,887	8 50	662,039	7 65	340,478	321,561	.....
Johnson .....	9,496	1 1/2	14,244	7 65	108,967	7 05	66,947	42,020	.....
Kane .....	58,650	1 1/2	87,975	7 25	637,819	6 80	398,820	238,999	.....
Kankakee .....	61,749	1 1/2	92,621	5 50	509,415	5 60	345,794	163,621	.....
Kendall .....	30,919	1 1/2	46,378	4 70	217,977	9 00	278,271	.....	60,294
Knox .....	48,424	2	96,848	4 50	435,816	7 70	372,865	62,951	.....
Lake .....	47,064	1	47,064	7 65	360,040	7 35	345,920	14,120	.....
LaSalle .....	83,259	1 1/2	124,888	5 80	724,350	8 65	720,190	4,160	.....
Lawrence .....	12,924	1 1/2	19,386	4 50	87,237	6 60	85,298	1,939	.....
Lee .....	*73,329	2 1/2	183,822	5 60	1,026,603	7 65	560,967	465,636	.....
Livingston .....	82,876	2	165,752	5 00	828,760	7 00	580,132	248,628	.....

## HAY—Continued.

Counties.	Acreage 1884, returned by assessors.....	Yield per acre, in tons.....	Total yield, in tons.....	Price per ton..	Value of crop..	Cost of produc- tion per acre.	Total cost of production...	Profit on crop.	Loss on crop..
Logan.....	18,122	2	36,244	\$5 20	\$188,469	\$7 45	\$135,009	\$53,460	.....
Macon.....	28,413	1 $\frac{3}{4}$	49,723	5 50	273,476	8 95	254,296	19,180	.....
Macoupin.....	33,850	1 $\frac{1}{2}$	50,775	5 00	253,875	6 65	225,102	28,773	.....
Madison.....	24,941	1 $\frac{3}{4}$	43,647	7 00	305,529	10 10	251,904	53,625	.....
Marion.....	24,890	1 $\frac{1}{4}$	31,112	5 00	155,560	4 60	114,494	41,066	.....
Marshall.....	*28,800	1 $\frac{3}{4}$	50,400	5 00	252,000	11 50	331,200	.....	\$79,200
Mason.....	*2,876	1 $\frac{1}{2}$	4,314	6 35	27,394	9 25	26,603	791	.....
Massac.....	4,291	1 $\frac{1}{4}$	5,364	9 35	50,153	5 90	25,317	24,836	.....
McDonough.....	*22,813	2	45,626	5 00	228,130	7 25	165,394	62,736	.....
McHenry.....	59,947	1 $\frac{3}{4}$	104,907	6 00	629,442	6 60	395,650	233,792	.....
McLean.....	69,147	1 $\frac{3}{4}$	121,007	4 00	484,028	7 50	518,602	.....	34,574
Menard.....	18,550	2	37,100	5 50	204,050	7 75	143,762	60,288	.....
Mercer.....	37,483	1 $\frac{3}{4}$	65,593	4 75	311,567	7 85	294,241	17,326	.....
Monroe.....	10,126	1 $\frac{3}{4}$	17,721	11 35	201,135	9 50	96,197	104,936	.....
Montgomery.....	31,706	1 $\frac{1}{4}$	39,632	5 40	214,013	6 70	212,450	1,583	.....
Morgan.....	*29,387	1 $\frac{3}{4}$	51,428	5 65	290,568	10 35	304,155	.....	13,587
Moultrie.....	14,093	1 $\frac{3}{4}$	24,663	4 25	104,818	6 50	91,604	13,214	.....
Ogle.....	56,994	2 $\frac{1}{4}$	128,236	5 25	673,239	7 50	427,455	245,784	.....
Peoria.....	33,313	1 $\frac{3}{4}$	58,298	5 60	316,469	8 85	294,820	21,649	.....
Perry.....	*6,415	1 $\frac{1}{4}$	8,019	5 50	44,104	6 15	39,452	4,652	.....
Piatt.....	11,665	1 $\frac{1}{2}$	17,497	5 00	87,485	7 35	85,738	1,747	.....
Pike.....	20,398	1 $\frac{3}{4}$	30,597	6 00	189,582	7 25	147,885	41,697	.....
Pope.....	*4,704	1 $\frac{3}{4}$	8,232	12 50	102,900	6 70	31,517	71,383	.....
Pulaski.....	3,603	2	7,206	10 00	72,060	7 40	26,662	45,398	.....
Putnam.....	7,839	1 $\frac{3}{4}$	13,718	4 30	58,987	7 95	62,320	.....	3,333
Randolph.....	14,570	1 $\frac{3}{4}$	25,497	8 00	203,976	9 05	131,858	72,118	.....
Richland.....	21,122	1 $\frac{3}{4}$	36,963	4 90	181,119	6 95	146,798	34,321	.....
Rock Island.....	34,957	1 $\frac{3}{4}$	55,925	5 50	307,587	8 10	258,852	48,735	.....
Saline.....	7,492	1 $\frac{3}{4}$	13,111	9 00	117,999	6 15	46,076	71,923	.....
Sangamon.....	36,387	2	72,774	5 00	363,870	10 95	398,438	.....	34,568
Schuyler.....	18,666	2 $\frac{1}{4}$	41,998	5 00	209,990	6 70	125,062	84,928	.....
Scott.....	2,469	2	4,938	5 00	24,690	6 45	15,925	8,765	.....
Shelby.....	41,914	2	83,828	4 35	364,652	7 75	324,833	39,819	.....
Stark.....	15,243	2	30,486	5 75	175,294	7 55	115,085	60,209	.....
St. Clair.....	20,826	2 $\frac{1}{4}$	46,858	9 00	421,722	12 25	255,118	166,604	.....
Stephenson.....	40,008	2	80,016	5 00	400,080	6 35	254,051	146,029	.....
Tazewell.....	30,600	1 $\frac{3}{4}$	53,550	4 25	227,587	7 70	235,620	.....	8,093
Union.....	8,326	2	16,652	11 25	187,335	*7 35	61,196	126,139	.....
Vermilion.....	53,913	1 $\frac{1}{2}$	80,869	4 00	323,476	6 65	358,521	.....	35,045
Wabash.....	8,339	1 $\frac{3}{4}$	14,593	5 35	78,072	7 10	59,207	18,865	.....
Warren.....	33,035	2	66,070	4 05	267,583	7 25	239,504	28,079	.....
Washington.....	7,032	1 $\frac{1}{2}$	10,548	6 00	63,288	5 85	41,137	22,151	.....
Wayne.....	32,726	1 $\frac{1}{2}$	49,089	4 60	225,800	6 50	212,719	13,081	.....
White.....	16,728	1 $\frac{1}{2}$	25,092	5 65	141,770	6 30	105,386	36,384	.....
Whiteside.....	*48,457	2	96,914	5 00	484,570	6 50	314,970	169,600	.....
Will.....	92,411	1	92,411	6 50	600,671	6 80	628,395	.....	27,724
Williamson.....	10,240	1 $\frac{3}{4}$	17,920	6 80	121,856	6 80	69,632	52,224	.....
Winnebago.....	33,811	2	77,622	5 00	388,110	6 60	256,153	131,957	.....
Woodford.....	28,183	1 $\frac{3}{4}$	49,320	5 00	246,600	7 95	224,055	22,545	.....
Total or av'ge	3,004,342	1 $\frac{3}{8}$	4,940,506	\$5 47	\$27,055,087	\$7 35	\$22,093,723	\$5,607,012	\$645,648

\*Estimated.

## CORN.

Counties.	ACREAGE.				CONDITION.							
	Returned by as- sessors, 1883....	Returned by as- sessors, 1884....	Increase, 1884....	Decrease, 1884....	August 1, 1883....	August 1, 1883....	August 1, 1882....	August 1, 1881....	August 1, 1880....	August 1, 1879....	August 1, 1878....	August 1, 1877....
Adams .....	86,108	80,663	.....	5,445	95	74	59	110	85	102	77	
Alexander .....	7,137	6,416	.....	721	93	90	95	52	91	103	115	
Bond .....	38,520	45,241	6,721	.....	94	81	92	33	87	113	60	
Boone .....	35,405	32,076	.....	3,329	96	77	61	78	108	100	95	
Brown .....	30,802	29,490	.....	1,312	95	82	62	110	75	75	62	
Bureau .....	265,203	151,991	.....	113,212	87	83	53	58	105	106	99	
Calhoun .....	12,239	15,619	.....	620	105	82	59	91	100	111	95	
Carroll .....	68,658	60,950	.....	7,708	102	78	50	74	100	80	95	
Cass .....	42,098	41,292	.....	806	100	73	85	108	87	87	75	
Champaign .....	212,665	197,343	.....	15,322	100	96	60	80	93	108	82	
Christian .....	120,995	122,114	1,119	.....	101	85	35	90	98	110	60	
Clark .....	39,496	41,600	2,104	.....	85	105	58	57	86	95	55	
Clay .....	30,592	32,755	2,163	.....	70	82	90	30	62	92	80	
Clinton .....	54,086	51,206	.....	2,880	67	90	72	22	78	117	90	
Coles .....	57,001	54,222	.....	2,779	80	108	52	86	100	110	85	
Cook .....	48,937	46,109	.....	2,828	92	77	62	80	101	92	90	
Crawford .....	36,360	34,287	.....	2,073	76	105	68	42	93	92	80	
Cumberland .....	28,881	28,339	.....	542	68	96	42	56	88	96	52	
DeKalb .....	111,901	104,484	.....	7,417	107	77	57	78	114	110	35	
DeWitt .....	85,188	*85,188	.....	.....	101	90	59	96	88	106	75	
Douglas .....	63,337	53,262	.....	10,075	70	80	56	86	100	110	75	
DuPage .....	51,199	50,639	.....	569	92	70	75	87	105	85	95	
Edgar .....	19,312	90,643	71,331	.....	90	95	61	75	106	106	80	
Edwards .....	17,541	18,152	611	.....	77	110	80	50	92	95	90	
Elfingham .....	37,589	42,385	4,796	.....	71	82	87	35	96	107	45	
Fayette .....	41,959	47,679	5,720	.....	75	91	56	12	62	114	75	
Ford .....	111,893	108,411	.....	3,482	91	100	59	77	86	105	80	
Franklin .....	3,487	*3,487	.....	.....	85	93	92	45	78	122	100	
Fulton .....	100,162	101,351	1,189	.....	99	85	53	111	100	108	85	
Gallatin .....	40,000	38,000	.....	2,000	81	102	93	44	45	110	80	
Greene .....	58,375	51,078	.....	7,297	99	95	63	105	106	102	85	
Grundy .....	87,536	78,792	.....	8,744	98	54	52	77	86	105	62	
Hamilton .....	23,392	27,438	4,046	.....	65	90	66	20	83	110	85	
Hancock .....	98,922	99,713	791	.....	107	80	23	99	101	95	80	
Hardin .....	5,460	3,708	.....	1,752	67	90	70	75	76	105	100	
Henderson .....	64,691	*64,691	.....	.....	100	75	48	80	105	107	95	
Henry .....	172,366	157,404	.....	14,962	81	79	59	73	98	104	80	
Iroquois .....	216,783	209,528	.....	7,255	104	85	52	100	80	110	100	
Jackson .....	20,565	19,556	.....	1,009	110	87	100	21	83	112	100	
Jasper .....	30,509	35,353	4,844	.....	75	75	72	25	91	103	55	
Jefferson .....	35,305	42,848	7,543	.....	53	98	76	15	88	111	85	
Jersey .....	31,423	*34,423	.....	.....	93	105	68	99	98	92	60	
JoDavies .....	57,385	51,404	.....	5,981	92	91	73	77	101	107	100	
Johnson .....	20,984	12,716	.....	8,268	83	96	90	37	90	118	100	
Kane .....	51,713	52,591	.....	2,122	97	81	82	85	108	112	90	
Kankakee .....	100,637	79,364	.....	21,273	100	72	35	100	67	90	75	
Kendall .....	62,109	58,065	.....	4,044	84	71	55	69	89	80	72	
Knox .....	127,172	119,926	.....	7,246	112	88	46	93	91	110	90	
Lake .....	27,634	23,584	.....	4,050	91	78	65	85	101	96	85	
LaSalle .....	219,972	192,978	.....	26,994	90	69	52	47	93	104	60	
Lawrence .....	28,309	27,421	.....	888	85	106	65	50	86	110	65	
Lee .....	140,146	*140,146	.....	.....	100	78	72	85	108	108	90	
Livingston .....	248,680	233,762	.....	14,918	93	75	57	95	62	120	52	



## CORN—Continued.

Counties.	ACREAGE.				CONDITION.							
	Returned by as- sessors, 1883....	Returned by as- sessors, 1884....	Increase, 1884....	Decrease, 1884....	August 1, 1884....	August 1, 1883....	August 1, 1882....	August 1, 1881....	August 1, 1880....	August 1, 1879....	August 1, 1878....	August 1, 1877....
Logan.....	158,867	162,177	3,310		91	85	60	94	82	85	81	
Macon.....	132,341	124,176		8,165	97	94	52	100	105	88	75	
Macoupin.....	86,637	91,316	4,679		80	87	60	105	109	96	71	
Madison.....	85,538	75,922		9,616	77	105	67	72	91	110	55	
Marion.....	36,172	39,301	3,129		87	93	66	60	87	150	120	
Marshall.....	*80,000	*80,000			99	81	57	77	93	107	82	
Mason.....	43,675	*43,675			97	82	62	54	76	90	85	
Massac.....	11,453	10,876		577	82	110	80	37	90	100	100	
McDonough.....	76,882	*76,882			80	90	42	105	76	95	77	
McHenry.....	56,576	56,546		30	104	92	75	82	115	100	92	
McLean.....	243,107	237,429		5,678	95	84	52	90	80	108	90	
Menard.....	81,040	72,150		8,890	91	89	58	108	95	77	77	
Mercer.....	91,523	80,749		10,774	100	87	68	80	98	100	100	
Monroe.....	16,330	16,159		221	90	96	95	60	88	87	85	
Montgomery.....	105,891	103,213		2,678	82	105	61	69	103	119	50	
Morgan.....	*128,159	*128,159			90	92	46	112	111	85	70	
Moultrie.....	61,309	45,477		15,832	95	100	45	103	98	101	80	
Ogle.....	118,455	116,858		1,597	96	80	68	82	103	103	100	
Peoria.....	86,288	87,007	719		98	84	51	77	100	105	75	
Perry.....	12,316	*12,316			84	84	64	13	58	122	100	
Piatt.....	84,703	60,706		23,997	102	94	52	100	91	105	85	
Pike.....	66,084	61,794		4,290	105	80	60	103	89	100	90	
Pope.....	18,047	*18,047			72	102	95	25	60	113	102	
Pulaski.....	10,370	10,457	87		105	95	110	53	96	113	80	
Putnam.....	25,557	27,694	2,137		100	80	98	68	100	100	90	
Randolph.....	25,781	24,648		1,097	86	97	87	18	81	110	90	
Richland.....	25,102	24,658		444	56	94	98	36	93	102	86	
Rock Island.....	55,817	55,825	8		95	84	53	68	99	107	90	
Saline.....	17,563	15,557		2,006	82	100	62	55	95	107	95	
Sangamon.....	166,439	145,120		21,319	100	95	55	111	102	90	75	
Schuyler.....	42,845	39,686		3,159	93	89	38	105	88	102	86	
Scott.....	19,157	12,855		6,302	108	78	65	107	77	62	75	
Shelby.....	86,842	86,308		534	85	99	55	84	100	105	85	
Stark.....	61,358	59,345		2,013	101	92	70	76	96	100	82	
St. Clair.....	50,596	44,273		6,323	75	89	87	57	95	114	100	
Stephenson.....	82,711	78,569		4,142	100	92	64	95	101	105	95	
Tazewell.....	116,077	104,911		11,166	105	79	48	97	95	110	95	
Union.....	15,867	12,113		3,754	102	100	94	65	95	123	110	
Vermilion.....	132,397	132,683	2,286		93	108	53	86	117	113	100	
Wabash.....	17,532	19,162	1,610		70	91	7	48	73	104	95	
Warren.....	110,146	97,393		12,748	105	88	50	78	96	110	105	
Washington.....	31,941	32,425	484		72	98	105	7	50	109	75	
Wayne.....	39,615	35,321		4,294	65	95	76	18	68	116	100	
White.....	42,561	38,058		4,503	71	95	71	25	60	111	87	
Whiteside.....	103,354	*103,354			75	75	62	67	102	105	86	
Will.....	120,387	115,372		5,015	99	83	64	87	103	100	80	
Williamson.....	22,247	15,860		6,387	81	97	75	26	63	112	85	
Winnebago.....	75,416	71,857		3,559	105	91	59	93	96	110	95	
Woodford.....	106,576	100,398		6,178	105	115	60	98	77	126	72	
Total or av....	7,304,596	6,606,772	131,427	517,271	90	88	65	70	90	103	83	

\*Estimated.

## PASTURES.

Counties.	ACREAGE.				CONDITION.									
	Returned by Assessors 1883.	Returned by Assessors 1884.	Increase 1884.	Decrease 1884.	August 1, 1884.	August 1, 1883.	August 1, 1882.	August 1, 1881.	August 1, 1880.	August 1, 1879.	August 1, 1878.	August 1, 1877.	August 1, 1876.	August 1, 1875.
Adams.....	51,200	53,969	2,769	.....	97	96	94	100	78	77	95	.....	.....	.....
Alexander.....	346	137	.....	209	100	112	90	75	88	96	100	.....	.....	.....
Bond.....	37,081	27,240	.....	9,841	107	100	101	69	98	86	72	.....	.....	.....
Boone.....	43,115	51,774	8,659	.....	107	100	105	100	103	100	95	.....	.....	.....
Brown.....	24,970	27,392	2,422	.....	100	97	95	110	70	46	95	.....	.....	.....
Bureau.....	10,843	106,216	95,373	.....	105	105	75	82	100	92	105	.....	.....	.....
Calhoun.....	2,506	2,653	147	.....	110	90	87	100	90	74	85	.....	.....	.....
Carroll.....	63,558	61,874	.....	1,684	107	106	100	104	87	105	100	.....	.....	.....
Cass.....	21,864	22,916	1,052	.....	107	106	115	108	80	52	105	.....	.....	.....
Champaign.....	108,957	108,506	.....	451	110	103	96	67	92	70	90	.....	.....	.....
Christian.....	66,064	68,396	2,332	.....	100	106	108	60	100	60	90	.....	.....	.....
Clark.....	35,665	28,493	.....	7,172	101	99	94	36	100	86	100	.....	.....	.....
Clay.....	16,408	19,864	3,456	.....	93	100	92	36	71	56	90	.....	.....	.....
Clinton.....	22,064	22,427	363	.....	102	108	107	52	72	96	95	.....	.....	.....
Coles.....	48,143	42,483	.....	5,660	110	106	101	68	85	72	112	.....	.....	.....
Cook.....	48,836	82,884	.....	1,952	80	104	92	101	100	92	100	.....	.....	.....
Crawford.....	25,351	24,472	879	.....	90	106	100	55	100	75	100	.....	.....	.....
Cumberland.....	18,283	23,656	5,373	.....	93	100	100	83	101	75	100	.....	.....	.....
DeKalb.....	110,104	118,722	8,618	.....	102	102	101	105	103	100	100	.....	.....	.....
DeWitt.....	44,495	*44,495	.....	.....	114	106	92	95	87	73	85	.....	.....	.....
Douglas.....	56,518	51,496	.....	5,022	100	100	98	77	85	87	100	.....	.....	.....
DuPage.....	42,969	45,993	3,024	.....	78	108	.....	90	110	100	105	.....	.....	.....
Edgar.....	84,100	90,092	5,992	.....	95	100	94	50	103	97	95	.....	.....	.....
Edwards.....	8,772	11,560	2,788	.....	90	100	92	90	96	65	85	.....	.....	.....
Effingham.....	4,418	33,951	29,533	.....	79	100	100	68	92	95	105	.....	.....	.....
Fayette.....	20,336	27,013	6,677	.....	85	106	81	62	72	84	85	.....	.....	.....
Ford.....	36,665	38,247	1,582	.....	115	102	105	66	92	84	100	.....	.....	.....
Franklin.....	784	*784	.....	.....	100	106	115	50	97	100	100	.....	.....	.....
Fulton.....	64,430	65,641	1,211	.....	100	100	99	95	90	50	95	.....	.....	.....
Gallatin.....	3,124	8,840	5,716	.....	91	88	96	56	82	95	100	.....	.....	.....
Greene.....	52,642	54,329	1,687	.....	102	103	95	100	106	62	100	.....	.....	.....
Grundy.....	68,737	62,398	.....	6,339	102	105	90	100	92	83	90	.....	.....	.....
Hamilton.....	17,156	58,120	40,964	.....	92	99	96	26	82	100	60	.....	.....	.....
Hancock.....	49,011	66,923	17,912	.....	97	103	100	98	94	60	90	.....	.....	.....
Hardin.....	2,126	1,992	.....	134	80	100	90	65	91	90	100	.....	.....	.....
Henderson.....	61,845	*61,845	.....	.....	100	106	96	86	97	70	108	.....	.....	.....
Henry.....	111,757	116,949	5,192	.....	102	103	106	82	92	92	92	.....	.....	.....
Iroquois.....	102,677	112,794	10,117	.....	104	103	100	105	100	75	105	.....	.....	.....
Jackson.....	6,025	8,282	2,257	.....	100	100	75	27	90	103	100	.....	.....	.....
Jasper.....	15,460	21,065	5,606	.....	90	100	100	32	92	78	100	.....	.....	.....
Jefferson.....	23,505	26,871	3,366	.....	83	100	100	33	100	90	90	.....	.....	.....
Jersey.....	23,146	*23,146	.....	.....	107	90	72	80	75	30	80	.....	.....	.....
JoDavies.....	63,250	80,469	17,219	.....	105	106	106	101	91	97	108	.....	.....	.....
Johnson.....	4,539	4,611	72	.....	97	100	92	37	80	83	105	.....	.....	.....
Kane.....	91,773	96,632	4,859	.....	91	108	105	103	105	95	95	.....	.....	.....
Kankakee.....	65,213	59,683	.....	5,530	104	107	83	95	102	80	100	.....	.....	.....
Kendall.....	46,393	47,968	1,575	.....	92	97	85	75	100	84	80	.....	.....	.....
Knox.....	129,020	118,118	.....	10,902	105	110	112	98	88	76	105	.....	.....	.....
Lake.....	88,527	76,735	.....	11,792	86	106	101	109	104	90	100	.....	.....	.....
LaSalle.....	114,294	107,141	.....	7,153	99	101	105	74	97	80	90	.....	.....	.....
Lawrence.....	16,735	26,817	10,082	.....	87	100	100	37	96	53	100	.....	.....	.....
Lee.....	72,120	*72,120	.....	.....	106	100	106	106	106	96	95	.....	.....	.....
Livingston.....	99,748	102,332	2,584	.....	105	108	97	75	87	80	100	.....	.....	.....

## PASTURES—Continued.

Counties.	ACREAGE.				CONDITION.							
	Returned by Assessors 1883.	Returned by Assessors 1884.	Increase 1884.	Decrease 1884.	August 1, 1884	August 1, 1883	August 1, 1882	August 1, 1881	August 1, 1880	August 1, 1879	August 1, 1878	August 1, 1877
Logan .....	58,097	67,662	9,565	.....	107	103	97	100	73	67	100	100
Macon .....	59,634	60,386	752	.....	105	100	94	82	88	62	100	100
Macoupin .....	75,775	81,684	5,909	.....	102	105	101	101	114	43	95	95
Madison .....	60,068	46,627	.....	13,821	89	107	94	79	88	62	90	90
Marion .....	28,864	32,179	3,315	.....	80	95	89	30	95	100	90	95
Marshall .....	*45,000	*45,000	.....	.....	110	105	92	97	93	82	95	95
Mason .....	*7,076	*7,076	.....	.....	103	98	92	70	92	43	90	90
Massac .....	1,723	2,299	576	.....	105	96	85	52	88	96	100	100
McDonough .....	49,892	*49,892	.....	.....	100	105	105	100	63	40	95	95
McHenry .....	112,032	129,542	17,510	.....	99	100	100	100	110	100	100	100
McLean .....	150,983	158,237	7,254	.....	105	104	96	91	80	74	100	100
Menard .....	36,088	37,730	1,642	.....	102	100	102	95	78	60	90	90
Mercer .....	82,056	90,788	8,732	.....	97	100	101	93	80	70	92	92
Monroe .....	6,644	7,235	609	.....	102	103	110	65	80	65	75	75
Montgomery .....	66,413	67,482	1,069	.....	104	103	93	69	83	60	100	100
Morgan .....	*82,435	*82,435	.....	.....	103	116	109	87	107	31	110	110
Moultrie .....	31,068	26,086	.....	4,982	103	95	95	68	87	62	100	100
Ogle .....	86,134	88,928	2,794	.....	107	106	103	105	100	99	105	105
Peoria .....	50,884	48,322	.....	2,562	93	112	103	93	90	90	95	95
Perry .....	4,994	*4,994	.....	.....	97	99	94	56	85	85	95	95
Piatt .....	40,773	20,791	.....	19,982	105	105	97	90	101	86	95	95
Pike .....	32,882	35,632	2,750	.....	108	100	116	93	93	50	105	105
Pope .....	6,812	*6,812	.....	.....	100	100	102	17	72	68	80	80
Pulaski .....	1,358	1,685	327	.....	115	108	120	62	98	85	100	100
Putnam .....	22,538	25,133	2,595	.....	105	106	106	87	100	95	105	105
Randolph .....	10,590	13,308	2,718	.....	100	105	107	50	103	95	95	95
Richland .....	19,689	39,424	19,735	.....	80	103	102	36	95	62	90	90
Rock Island .....	53,478	56,087	2,609	.....	101	98	102	85	94	96	100	100
Saline .....	3,692	5,114	1,422	.....	100	100	95	48	100	105	100	100
Sangamon .....	108,935	109,182	247	.....	102	110	102	106	107	40	101	101
Schuyler .....	27,863	39,444	11,581	.....	107	102	92	92	90	54	95	95
Scott .....	11,936	7,929	.....	4,907	102	87	100	91	96	23	105	105
Shelby .....	68,018	63,153	.....	4,865	99	106	100	76	89	62	100	100
Stark .....	33,784	36,700	2,916	.....	102	100	100	95	97	81	90	90
St. Clair .....	15,266	17,273	2,007	.....	97	104	100	25	77	77	97	97
Stephenson .....	63,200	64,030	830	.....	105	97	96	105	95	91	100	100
Tazewell .....	46,100	57,257	11,157	.....	102	104	100	82	107	70	100	100
Union .....	5,765	4,714	.....	1,051	102	87	90	46	95	102	100	100
Vermilion .....	140,463	125,476	.....	14,987	118	130	100	91	100	108	105	105
Wabash .....	6,554	14,139	7,585	.....	79	92	99	40	95	81	90	90
Warren .....	102,121	106,853	4,732	.....	105	105	105	94	83	88	100	100
Washington .....	18,228	22,836	4,608	.....	88	105	106	30	50	14	100	100
Wayne .....	23,811	24,015	204	.....	82	102	107	30	93	85	95	95
White .....	13,744	17,884	4,140	.....	77	95	88	30	85	85	80	80
Whiteside .....	71,451	*71,451	.....	.....	*109	105	92	75	95	100	95	95
Will .....	109,158	117,892	8,734	.....	98	105	89	97	95	90	90	90
Williamson .....	7,040	8,838	1,798	.....	98	101	97	27	76	87	85	85
Winnebago .....	66,500	69,059	2,559	.....	104	95	100	103	101	100	100	100
Woodford .....	41,451	45,557	4,106	.....	105	115	96	104	81	73	85	85
Total or average	4,752,728	5,080,517	469,666	141,877	109	102	98	75	91	78	96	96

\*Estimated.



## FARM CROPS—ACREAGE, CONDITION, ETC.

CLO- VER.	Quality compared to an average.....		Per cent.	95	103	103	92	95	84	90	94	100	100	73	96	100	100	96	75	94	100	100	92	87	98	90	100	92	97	90	110		
	Yield per acre, in tons .....	Per cent.	2	23	103	13	2	84	13	90	94	100	100	1	13	100	100	1	75	94	100	100	92	87	98	90	100	92	97	90	110		
QUIN- CES.	Condition August 1, 1884.....	Per cent.	93	90	40	13	2	80	10	50	112	2	67	60	100	100	100	1	45	45	63	85	100	92	87	98	90	100	92	97	90	110	
BLACK BER'S	Yield compared to an average.....	Per cent.	77	78	56	100	90	70	48	110	50	67	67	60	100	100	100	1	45	45	63	85	100	92	87	98	90	100	92	97	90	110	
GRAP'S	Condition August 1, 1884.....	Per cent.	100	50	52	100	90	70	48	110	50	67	67	60	100	100	100	1	45	45	63	85	100	92	87	98	90	100	92	97	90	110	
PLUMS	Condition August 1, 1884.....	Per cent.	50	90	52	100	90	70	48	110	50	67	67	60	100	100	100	1	45	45	63	85	100	92	87	98	90	100	92	97	90	110	
PEARS.	Condition August 1, 1884.....	Per cent.	70	45	20	100	95	67	65	80	100	100	100	100	100	100	100	1	45	45	63	85	100	92	87	98	90	100	92	97	90	110	
PEA- CHES.	Condition August 1, 1884.....	Per cent.	100	100	95	100	100	100	100	100	100	100	100	100	100	100	100	100	1	45	45	63	85	100	92	87	98	90	100	92	97	90	110
APPL'S	Condition August 1, 1884.....	Per cent.	100	100	95	100	100	100	100	100	100	100	100	100	100	100	100	100	1	45	45	63	85	100	92	87	98	90	100	92	97	90	110
FIELD BEANS.	Condition August 1, 1884.....	Per cent.	100	100	95	100	100	100	100	100	100	100	100	100	100	100	100	100	1	45	45	63	85	100	92	87	98	90	100	92	97	90	110
FIELD PEAS.	Condition August 1, 1884.....	Per cent.	100	100	95	100	100	100	100	100	100	100	100	100	100	100	100	100	1	45	45	63	85	100	92	87	98	90	100	92	97	90	110
TUR- NIPS & ROOT CROPS.	Condition August 1, 1884.....	Per cent.	100	100	95	100	100	100	100	100	100	100	100	100	100	100	100	100	1	45	45	63	85	100	92	87	98	90	100	92	97	90	110
BUCK- WHEAT	Acreage compared with 1883.....	Per cent.	80	95	100	85	100	100	100	100	100	100	100	100	100	100	100	100	1	45	45	63	85	100	92	87	98	90	100	92	97	90	110
	Condition August 1, 1884.....	Per cent.	80	95	100	85	100	100	100	100	100	100	100	100	100	100	100	100	100	1	45	45	63	85	100	92	87	98	90	100	92	97	90
SWEET POTA'S	Condition August 1, 1884.....	Per cent.	97	100	105	102	90	105	100	100	100	100	100	100	100	100	100	100	1	45	45	63	85	100	92	87	98	90	100	92	97	90	110
IRISH P. T. A'S	Condition August 1, 1884.....	Per cent.	97	100	105	102	90	105	100	100	100	100	100	100	100	100	100	100	1	45	45	63	85	100	92	87	98	90	100	92	97	90	110
PAS- TURES.	Condition August 1, 1884.....	Per cent.	100	100	105	102	90	105	100	100	100	100	100	100	100	100	100	100	1	45	45	63	85	100	92	87	98	90	100	92	97	90	110
CAST'R BEAN'S	Condition August 1, 1884.....	Per cent.	100	100	105	102	90	105	100	100	100	100	100	100	100	100	100	100	1	45	45	63	85	100	92	87	98	90	100	92	97	90	110
TOBAC- CO.	Condition August 1, 1884.....	Per cent.	100	100	105	102	90	105	100	100	100	100	100	100	100	100	100	100	1	45	45	63	85	100	92	87	98	90	100	92	97	90	110
HEMP.	Condition August 1, 1884.....	Per cent.	100	100	105	102	90	105	100	100	100	100	100	100	100	100	100	100	1	45	45	63	85	100	92	87	98	90	100	92	97	90	110
	Acreage compared with 1883.....	Per cent.	100	100	105	102	90	105	100	100	100	100	100	100	100	100	100	100	1	45	45	63	85	100	92	87	98	90	100	92	97	90	110
COTT'N	Condition August 1, 1884.....	Per cent.	87	93	94	100	85	92	100	100	100	100	100	100	100	100	100	100	1	45	45	63	85	100	92	87	98	90	100	92	97	90	110
SOP- GHUM.	Average condition August 1.....	Per cent.	85	93	94	100	85	92	100	100	100	100	100	100	100	100	100	100	1	45	45	63	85	100	92	87	98	90	100	92	97	90	110
BR-OM CORN.	Average condition August 1.....	Per cent.	85	93	94	100	85	92	100	100	100	100	100	100	100	100	100	100	1	45	45	63	85	100	92	87	98	90	100	92	97	90	110
CORN.	Average condition August 1.....	Per cent.	85	93	94	100	85	92	100	100	100	100	100	100	100	100	100	100	1	45	45	63	85	100	92	87	98	90	100	92	97	90	110

## COUNTIES.

Adams.....	95	103	92	95	84	94	100	73	96	100	96	75	94	100	92	92	98	98	100	110
Alexander.....	2	2 $\frac{3}{4}$	1 $\frac{1}{2}$	1 $\frac{1}{2}$	2	2	100	65	1 $\frac{1}{2}$	100	100	1	2	100	100	2 $\frac{3}{4}$	87	98	98	110
Bond.....	90	40	1 $\frac{1}{2}$	1 $\frac{1}{2}$	2	2	100	65	1 $\frac{1}{2}$	100	100	1	2	100	100	2 $\frac{3}{4}$	87	98	98	110
Boone.....	90	40	1 $\frac{1}{2}$	1 $\frac{1}{2}$	2	2	100	65	1 $\frac{1}{2}$	100	100	1	2	100	100	2 $\frac{3}{4}$	87	98	98	110
Brown.....	90	40	1 $\frac{1}{2}$	1 $\frac{1}{2}$	2	2	100	65	1 $\frac{1}{2}$	100	100	1	2	100	100	2 $\frac{3}{4}$	87	98	98	110
Bureau.....	90	40	1 $\frac{1}{2}$	1 $\frac{1}{2}$	2	2	100	65	1 $\frac{1}{2}$	100	100	1	2	100	100	2 $\frac{3}{4}$	87	98	98	110
Calhoun.....	90	40	1 $\frac{1}{2}$	1 $\frac{1}{2}$	2	2	100	65	1 $\frac{1}{2}$	100	100	1	2	100	100	2 $\frac{3}{4}$	87	98	98	110
Carroll.....	90	40	1 $\frac{1}{2}$	1 $\frac{1}{2}$	2	2	100	65	1 $\frac{1}{2}$	100	100	1	2	100	100	2 $\frac{3}{4}$	87	98	98	110
Cass.....	90	40	1 $\frac{1}{2}$	1 $\frac{1}{2}$	2	2	100	65	1 $\frac{1}{2}$	100	100	1	2	100	100	2 $\frac{3}{4}$	87	98	98	110
Champaign.....	90	40	1 $\frac{1}{2}$	1 $\frac{1}{2}$	2	2	100	65	1 $\frac{1}{2}$	100	100	1	2	100	100	2 $\frac{3}{4}$	87	98	98	110
Christian.....	90	40	1 $\frac{1}{2}$	1 $\frac{1}{2}$	2	2	100	65	1 $\frac{1}{2}$	100	100	1	2	100	100	2 $\frac{3}{4}$	87	98	98	110
Clark.....	90	40	1 $\frac{1}{2}$	1 $\frac{1}{2}$	2	2	100	65	1 $\frac{1}{2}$	100	100	1	2	100	100	2 $\frac{3}{4}$	87	98	98	110
Clay.....	90	40	1 $\frac{1}{2}$	1 $\frac{1}{2}$	2	2	100	65	1 $\frac{1}{2}$	100	100	1	2	100	100	2 $\frac{3}{4}$	87	98	98	110
Clinton.....	90	40	1 $\frac{1}{2}$	1 $\frac{1}{2}$	2	2	100	65	1 $\frac{1}{2}$	100	100	1	2	100	100	2 $\frac{3}{4}$	87	98	98	110
Coles.....	90	40	1 $\frac{1}{2}$	1 $\frac{1}{2}$	2	2	100	65	1 $\frac{1}{2}$	100	100	1	2	100	100	2 $\frac{3}{4}$	87	98	98	110
Cook.....	90	40	1 $\frac{1}{2}$	1 $\frac{1}{2}$	2	2	100	65	1 $\frac{1}{2}$	100	100	1	2	100	100	2 $\frac{3}{4}$	87	98	98	110
Crawford.....	90	40	1 $\frac{1}{2}$	1 $\frac{1}{2}$	2	2	100	65	1 $\frac{1}{2}$	100	100	1	2	100	100	2 $\frac{3}{4}$	87	98	98	110
Cumberland.....	90	40	1 $\frac{1}{2}$	1 $\frac{1}{2}$	2	2	100	65	1 $\frac{1}{2}$	100	100	1	2	100	100	2 $\frac{3}{4}$	87	98	98	110
Dekalb.....	90	40	1 $\frac{1}{2}$	1 $\frac{1}{2}$	2	2	100	65	1 $\frac{1}{2}$	100	100	1	2	100	100	2 $\frac{3}{4}$	87	98	98	110
Dewitt.....	90	40	1 $\frac{1}{2}$	1 $\frac{1}{2}$	2	2	100	65	1 $\frac{1}{2}$	100	100	1	2	100	100	2 $\frac{3}{4}$	87	98	98	110
Douglas.....	90	40	1 $\frac{1}{2}$	1 $\frac{1}{2}$	2	2	100	65	1 $\frac{1}{2}$	100	100	1	2	100	100	2 $\frac{3}{4}$	87	98	98	110
DuPage.....	90	40	1 $\frac{1}{2}$	1 $\frac{1}{2}$	2	2	100	65	1 $\frac{1}{2}$	100	100	1	2	100	100	2 $\frac{3}{4}$	87	98	98	110
Edgar.....	90	40	1 $\frac{1}{2}$	1 $\frac{1}{2}$	2	2	100	65	1 $\frac{1}{2}$	100	100	1	2	100	100	2 $\frac{3}{4}$	87	98	98	110
Edwards.....	90	40	1 $\frac{1}{2}$	1 $\frac{1}{2}$	2	2	100	65	1 $\frac{1}{2}$	100	100	1	2	100	100	2 $\frac{3}{4}$	87	98	98	110
Effingham.....	90	40	1 $\frac{1}{2}$	1 $\frac{1}{2}$	2	2	100	65	1 $\frac{1}{2}$	100	100	1	2	100	100	2 $\frac{3}{4}$	87	98	98	110
Fayette.....	90	40	1 $\frac{1}{2}$	1 $\frac{1}{2}$	2	2	100	65	1 $\frac{1}{2}$	100	100	1	2	100	100	2 $\frac{3}{4}$	87	98	98	110
Ford.....	90	40	1 $\frac{1}{2}$	1 $\frac{1}{2}$	2	2	100	65	1 $\frac{1}{2}$	100	100	1	2	100	100	2 $\frac{3}{4}$	87	98	98	110
Franklin.....	90	40	1 $\frac{1}{2}$	1 $\frac{1}{2}$	2	2	100	65	1 $\frac{1}{2}$	100	100	1	2	100	100	2 $\frac{3}{4}$	87	98	98	110



## Farm Crops—Continued.

CLO- VER.	Quality compared to an average.....	Per cent.	93
	Yield per acre, in tons.....	Per cent.	100
QUIN- CES.	Condition August 1, 1884.....	Per cent.	97
BLACK BER'RS	Yield compared to an average.....	Per cent.	87
GRAP'S	Condition August 1, 1884.....	Per cent.	100
PLUMS	Condition August 1, 1884.....	Per cent.	90
PEARS.	Condition August 1, 1884.....	Per cent.	80
PEA- CHES.	Condition August 1, 1884.....	Per cent.	100
APPL'S	Condition August 1, 1884.....	Per cent.	80
FIELD BEANS	Condition August 1, 1884.....	Per cent.	100
FIELD PEAS.	Condition August 1, 1884.....	Per cent.	100
TUR- NIPS & ROOT CROPS.	Condition August 1, 1884.....	Per cent.	100
	Acreage compared with 1883.....	Per cent.	100
BUCK- WHEAT	Condition August 1, 1884.....	Per cent.	100
	Acreage compared with 1883.....	Per cent.	100
SWEET POTA'S	Condition August 1, 1884.....	Per cent.	100
IRISH POTA'S	Condition August 1, 1884.....	Per cent.	100
PAS- TURES.	Condition August 1, 1884.....	Per cent.	100
CAST'R BEANS	Condition August 1, 1884.....	Per cent.	100
TOBAC- CO.	Condition August 1, 1884.....	Per cent.	100
	Condition August 1, 1884.....	Per cent.	100
HEMP.	Condition August 1, 1884.....	Per cent.	100
	Acreage compared with 1883.....	Per cent.	100
COTT'N	Condition August 1, 1884.....	Per cent.	100
SOR- GHUM.	Average condition August 1.....	Per cent.	100
BROOM CORN.	Average condition August 1.....	Per cent.	100
CORN.	Average condition August 1.....	Per cent.	100

## COUNTIES.

Rock Island.....  
 Saline.....  
 Sangamon.....  
 Schuyler.....  
 Scott.....  
 Shelby.....  
 Stark.....  
 St. Clair.....  
 Stephenson.....  
 Tazewell.....  
 Union.....  
 Vermilion.....  
 Wabash.....  
 Warren.....  
 Washington.....  
 Wayne.....  
 White.....  
 Whiteside.....  
 Will.....  
 Williamson.....  
 Winnebago.....  
 Woodford.....



## FLAX.

Counties.	Acreage 1884, re- turned by As- sessors.....	Yield per acre in bushels.....	Total yield in bushels.....	Price per bushel.	Value of crop...	Cost of produc- tion per acre....	Total cost of pro- duction.....	Profit on crop....	Loss on crop....
Boone.....	19	*9	171	\$1 30	\$222	\$*9 45	\$179	\$43	
Champaign.....	1,840	5	9,200	*1 17	10,764	10 55	19,412		\$8,648
Cook.....	2,588	6	9,528	1 20	11,434	9 10	14,451		3,017
DeKalb.....	312	*9	2,808	*1 17	3,285	10 60	3,307		22
DuPage.....	754	12	9,048	*1 17	10,586	10 75	8,105	2,481	
Effingham.....	3	*9	27	*1 17	31	10 35	31		
Ford.....	7,482	8	59,856	1 12	67,039	7 85	58,734	8,305	
Grundy.....	103	*9	927	1 15	1,066	10 60	1,092		26
Henry.....	2	*9	18	*1 17	21	*9 45	19	2	
Iroquois.....	8,524	10	85,240	*1 17	99,731	7 70	65,635	34,096	
JoDavies.....	6	*9	54	*1 17	63	10 85	65		2
Kane.....	22	*9	198	*1 17	232	*9 45	208	24	
Kankakee.....	1,075	*9	9,675	*1 17	11,320	8 60	9,245	2,075	
Kendall.....	6	*9	54	*1 17	63	*9 45	57	6	
Lake.....	478	*9	4,302	1 40	6,023	9 95	4,756	1,267	
Livingston.....	3,914	*9	35,226	*1 17	41,214	10 65	41,684		470
McDonough.....	*120	*9	1,080	*1 17	1,264	*9 45	1,134	130	
McHenry.....	24	12	288	1 25	360	10 05	241	119	
McLean.....	451	*9	4,059	*1 17	4,749	*9 45	4,262	487	
Moultrie.....	17	*9	153	*1 17	179	8 90	151	28	
Ogle.....	54	*9	486	*1 17	569	10 40	562	7	
Platt.....	438	*9	3,942	*1 17	4,612	10 00	4,380	232	
Shelby.....	22	*9	198	*1 17	232	*9 45	208	24	
St. Clair.....	*1	*9	9	*1 17	10	*9 45	9	1	
Stephenson.....	7	*9	63	*1 17	74	*9 45	66	8	
Vermilion.....	2,602	10	26,020	1 05	27,321	8 65	22,507	4,814	
Wayne.....	11	*9	99	*1 17	116	8 80	97	19	
Will.....	1,124	*9	10,116	*1 17	11,836	9 10	10,228	1,608	
Total or average.....	31,019	9	272,845	\$1 15	\$314,416	\$8 73	\$270,825	\$55,776	\$12,185

\* Estimated.

## DRAIN TILE.

Counties.	No. of feet laid in 1880.....	No. of feet laid in 1881.....	No. of feet laid in 1882.....	No. of feet laid in 1883.....	Total No. feet laid.....	Cultivated land	No. feet to each acre of culti- v'd land 1883	No. feet to each acre of culti- v'd land 1882	No. feet to each acre of culti- v'd land 1881
Adams.....	16,265	3,615	13,522	35,763	108,300	430,207	—	—	—
Alexander.....	—	—	—	—	—	95,473	—	—	—
Bond.....	—	—	320	1,120	1,440	219,240	—	—	—
Boone.....	9,800	5,250	720	3,200	24,690	159,611	—	—	—
Brown.....	54,188	43,537	166,660	326,520	597,525	107,939	5	2	1
Bureau.....	634,217	536,615	1,983,251	1,509,106	5,996,186	494,310	12	11	5
Calhoun.....	—	1,700	—	—	1,700	53,727	—	—	—
Carroll.....	—	—	3,050	13,300	16,350	250,137	—	—	—
Cass.....	33,560	52,260	467,385	964,251	1,831,761	225,767	8	4	2
Champaign.....	—	2,142,606	2,673,110	4,177,603	8,993,319	579,147	15	8	5
Christian.....	386,108	314,051	967,298	1,523,327	3,424,363	410,890	8	5	2
Clark.....	13,101	5,130	27,024	39,718	115,521	224,287	—	—	—
Clay.....	—	6,500	1,543	15,912	23,955	240,837	—	—	—
Clinton.....	—	—	300	700	1,000	228,512	—	—	—
Coles.....	366,913	666,282	825,728	1,130,951	3,750,444	255,029	15	9	9
Cook.....	—	43,650	150,255	394,968	588,873	496,306	1	—	—
Crawford.....	26,710	4,457	165,072	104,207	307,176	231,062	1	1	—
Cumberland.....	12,459	37,744	31,388	79,346	162,227	164,129	1	—	—
DeKalb.....	648,401	530,467	1,277,095	1,793,927	4,685,756	369,461	13	7	4
DeWitt.....	857,105	999,534	981,433	—	3,536,855	221,107	16	15	11
Douglas.....	353,258	278,820	755,854	1,319,671	2,896,946	256,464	11	6	3
DuPage.....	224,508	265,792	441,068	434,214	1,954,073	187,764	10	8	6
Edgar.....	607,816	1,979,885	1,485,573	2,038,548	7,929,567	352,497	22	16	12
Edwards.....	385	637	8,208	8,200	17,510	76,619	—	—	—
Effingham.....	50	—	50	550	700	227,884	—	—	—
Fayette.....	—	175	850	2,560	3,585	342,408	—	—	—
Ford.....	310,565	513,641	330,437	604,673	2,095,782	285,223	7	6	4
Franklin.....	—	—	—	—	—	247,949	—	—	—
Fulton.....	451,307	403,639	971,805	1,306,751	4,093,999	402,994	10	6	4
Gallatin.....	11,100	—	15,000	26,700	57,993	120,408	—	—	—
Greene.....	74,405	54,331	336,587	204,655	1,340,801	291,381	5	3	2
Grundy.....	231,485	364,641	543,746	1,662,570	2,921,356	251,103	12	5	2
Hamilton.....	—	—	—	—	—	311,319	—	—	—
Hancock.....	35,212	33,604	246,640	—	452,611	457,204	1	1	—
Hardin.....	9,330	—	200	—	9,530	11,642	—	—	—
Henderson.....	36,347	46,567	115,304	—	399,154	176,026	2	2	1
Henry.....	434,651	485,304	1,167,983	965,286	4,952,784	486,454	10	8	6
Iroquois.....	297,215	294,455	1,274,083	1,639,853	3,983,069	679,001	6	3	1
Jackson.....	—	200	340	250	990	221,562	—	—	—
Jasper.....	—	229,500	1,130	3,514	234,154	274,449	1	1	1
Jefferson.....	—	350	190	46	586	170,140	—	—	—
Jersey.....	—	25,551	18,067	—	43,618	131,815	—	—	—
Jo Daviess.....	600	1,570	7,440	4,880	14,490	283,269	—	—	—
Johnson.....	300	—	—	150	750	185,900	—	—	—
Kane.....	—	206,970	681,062	1,064,071	1,952,103	255,613	8	2	1
Kankakee.....	32,219	31,011	145,896	367,946	659,926	390,946	2	—	—
Kendall.....	502,980	604,652	763,749	919,620	4,224,865	193,818	22	18	14
Knox.....	724,251	635,305	1,063,610	1,108,203	5,997,442	380,513	16	13	10
Lake.....	25,615	—	—	—	92,466	247,994	—	—	—
LaSalle.....	1,243,459	1,263,819	2,496,894	4,155,179	11,021,796	622,790	18	10	7
Lawrence.....	970	260	7,738	51,725	60,693	112,186	—	—	—
Lee.....	2,170	2,170	—	—	4,340	466,519	—	—	—
Livingston.....	738,099	863,522	1,804,718	4,374,936	8,183,969	611,018	13	6	3

## DRAIN TILE—Continued.

Counties.	No. of feet laid in 1880.....	No. of feet laid in 1881.....	No. of feet laid in 1882.....	No. of feet laid in 1883.....	Total No. feet laid.....	Cultivated land	No. feet to each acre of culti- v'd land 1883	No. feet to each acre of culti- v'd land 1882	No. feet to each acre of culti- v'd land 1881
Logan .....	1,195,878	888,992	1,337,981	969,091	7,185,533	372,237	19	17	13
Macon .....	1,490,698	462,157	2,264,677	2,041,337	10,384,261	347,704	30	24	17
Macoupin .....	66,005	83,435	320,298	202,492	763,245	465,207	2	1	—
Madison .....	—	—	52,800	31,800	84,600	380,835	—	—	—
Marion .....	830	—	47	75	952	280,238	—	—	—
Marshall .....	297,564	504,349	—	—	1,883,055	197,847	9	8	8
Mason .....	—	—	—	—	—	351,328	—	—	—
Massac .....	—	—	550	—	550	56,601	—	—	—
McDonough .....	213,287	89,894	366,154	—	1,601,940	325,396	5	5	4
McHenry .....	965	5,337	17,684	74,636	112,871	307,340	—	—	—
McLean .....	2,306,770	2,261,328	3,587,098	4,988,584	15,609,834	707,290	22	15	10
Menard .....	83,875	115,958	120,000	633,600	1,483,013	180,994	8	8	4
Mercer .....	196,000	288,460	445,237	612,816	2,109,175	297,740	7	4	3
Monroe .....	—	437	5,000	—	5,437	185,449	—	—	—
Montgomery .....	—	50,470	28,435	7,501	86,406	339,663	—	—	—
Morgan .....	31,290	100,320	—	—	473,610	353,352	1	2	1
Moultrie .....	172,300	225,106	417,504	675,241	1,653,503	198,186	8	5	2
Ogle .....	35,031	43,746	49,667	251,077	406,391	422,835	1	—	—
Peoria .....	396,844	951,969	826,282	919,239	4,866,940	345,287	14	11	9
Perry .....	2,000	—	—	—	2,000	233,604	—	—	—
Piatt .....	248,771	1,430,238	1,840,270	1,368,759	5,062,220	272,907	18	14	9
Pike .....	30,650	4,540	69,555	53,908	223,545	442,137	—	—	—
Pope .....	—	—	—	—	—	187,632	—	—	—
Pulaski .....	—	—	—	—	—	32,949	—	—	—
Putnam .....	285,776	223,994	201,211	441,581	1,594,560	74,079	21	17	14
Randolph .....	—	900	—	—	2,490	283,085	—	—	—
Rickland .....	—	964	1,900	9,315	12,179	136,709	—	—	—
Rock Island .....	31,030	41,124	86,646	173,804	520,043	183,618	3	1	1
Saline .....	—	—	—	7,957	7,957	211,137	—	—	—
Sangamon .....	464,899	363,676	1,122,296	1,655,770	4,806,619	518,739	9	6	4
Schuyler .....	64,195	61,292	264,299	265,473	781,259	191,607	4	4	1
Scott .....	10,630	25,612	28,153	7,498	394,645	150,211	3	3	3
Shelby .....	—	16,732	213,082	688,491	918,305	419,807	2	—	—
Stark .....	355,135	638,313	495,503	654,629	3,320,955	170,755	19	15	12
St. Clair .....	31,633	58,445	57,923	82,968	272,119	359,327	1	—	—
Stephenson .....	7,980	600	1,754	13,000	23,334	322,040	—	—	—
Tazewell .....	1,067,618	978,039	1,453,998	1,428,450	7,859,317	354,894	22	18	13
Union .....	—	100	210	150	460	192,955	—	—	—
Vermilion .....	907,417	1,060,299	1,866,973	2,793,592	7,297,990	526,034	14	9	5
Wabash .....	7,146	185,847	57,771	22,910	273,674	106,504	2	2	1
Warren .....	133,527	220,995	832,696	1,026,901	3,406,575	294,583	12	8	5
Washington .....	112	3,270	2,730	1,630	8,342	296,815	—	—	—
Wayne .....	495	90	2,805	13,300	18,752	243,694	—	—	—
White .....	62,731	113,609	79,918	102,158	540,388	185,900	3	2	2
Whiteside .....	6,650	6,996	43,475	—	64,096	400,289	—	—	—
Will .....	1,173,307	1,039,605	1,748,361	1,720,511	8,044,047	489,932	16	13	9
Williamson .....	—	—	—	600	—	227,913	—	—	—
Winnebago .....	32,110	883	5,280	20,160	58,433	294,439	—	—	—
Woodford .....	1,212,199	881,355	1,922,020	2,594,239	7,920,482	259,649	30	11	11
Total or Av.	22,130,472	27,409,295	46,557,625	60,975,784	201,953,936	29,169,428	7	5	3

\*Area of county, except woodland, uncultivated land and city and town real estate.  
 —Where the amount of tile laid is less than 1 foot per acre the minus sign is used.



## HORSES, MULES AND ASSES.

COUNTIES.	HORSES.				MULES & ASSES	
	Number assessed May, 1884.....	Number of colts foaled, 1883.....	Number of horses died, 1883.....	Value of horses died, 1883.....	Number assessed May, 1883.....	Number assessed May, 1884.....
Adams.....	10,699	899	354	\$22,388	2,476	2,438
Alexander.....	574	236	26	1,665	817	778
Bond.....	6,446	677	250	13,970	922	920
Boone.....	5,746	690	169	10,244	47	42
Brown.....	5,257	428	222	7,889	570	544
Bureau.....	15,597	2,116	601	45,815	585	535
Calhoun.....	1,284	80	49	3,855	581	595
Carroll.....	6,924	771	167	9,704	223	210
Cass.....	4,235	371	153	11,273	785	717
Champaign.....	17,831	1,514	719	54,496	2,507	2,304
Christian.....	13,319	1,271	468	30,183	2,458	2,394
Clark.....	5,198	436	230	9,634	536	572
Clay.....	5,191				1,014	1,083
Clinton.....	5,749	526	338	19,104	2,228	2,130
Coles.....	7,783	767	315	20,246	831	1,013
Cook.....	10,742	917	238	19,450	735	643
Crawford.....	4,872	375	163	11,423	417	471
Cumberland.....	3,972	369	196	12,420	619	653
DeKalb.....	13,816	1,016	404	25,641	325	307
DeWitt.....	7,990	821	266	16,545	713	751
Douglas.....	6,142	703	376	23,118	944	991
DuPage.....	5,308	570	217	16,100	190	176
Edgar.....	11,531	1,034	509	35,225	1,038	1,124
Edwards.....	3,002	259	101	7,815	655	731
Effingham.....	5,488	465	278	15,558	778	959
Fayette.....	8,721	594	314	19,742	1,312	1,273
Ford.....	6,667	696	326	17,580	855	788
Franklin.....	*583	*53	*17	*765	1,465	1,506
Fulton.....	14,505	1,837	536	33,890	859	724
Gallatin.....	3,008	395	85	5,000	1,046	1,030
Greene.....	7,861	830	257	16,975	1,261	1,176
Grundy.....	7,005	725	204	13,988	388	409
Hamilton.....	3,418	356	449	8,062	1,064	1,083
Hancock.....	12,906	1,351	481	28,769	1,377	1,302
Hardin.....	1,695	35	5	245	597	604
Henderson.....	*6,452	*717	*322	*21,528	435	375
Henry.....	17,215	1,772	487	31,555	885	822
Iroquois.....	19,679	2,048	1,003	67,574	1,390	1,263
Jackson.....	3,911	301	168	8,563	1,752	1,778
Jasper.....	4,407	369	188	13,525	988	1,021
Jefferson.....	6,242	532	152	10,302	1,665	1,733
Jersey.....	*2,501	*277	*188	*10,275	900	863
JoDaviess.....	9,139	1,065	342	19,589	203	203
Johnson.....	1,684	133	123	9,345	1,608	1,481
Kane.....	8,973	904	222	18,970	237	253
Kankakee.....	13,064	767	453	23,966	289	307
Kendall.....	6,507	447	190	9,149	253	240
Knox.....	15,585	1,863	496	27,480	727	817
Lake.....	5,714	630	132	13,180	49	56
LaSalle.....	22,297	2,987	635	55,424	863	814
Lawrence.....	4,013	249	239	9,042	710	835

## HORSES, MULES AND ASSES—Continued.

COUNTIES.	HORSES.				MULES & ASSES	
	Number assessed May, 1884,.....	Number of colts foaled, 1883.....	Number of horses died, 1883,.....	Value of horses died, 1883,.....	Number assessed May, 1883,.....	Number assessed May, 1884,.....
Lee.....	*12,316				378	266
Livingston.....	22,061	2,389	723	\$44,276	1,176	1,131
Logan.....	11,706	1,161	383	27,080	1,920	1,851
Macon.....	12,344	1,198	400	30,084	1,678	1,623
Macoupin.....	14,281	1,300	600	34,957	2,146	1,931
Madison.....	9,766	737	326	23,182	4,550	4,444
Marion.....	6,070	298	245	15,013	1,573	1,705
Marshall.....	*7,082				161	209
Mason.....	*4,392				1,792	1,670
Massac.....	1,238	100	47	2,325	1,232	1,051
McDonough.....	*9,589	*1,440	*527	*27,624	990	911
McHenry.....	11,037	1,188	251	16,742	121	103
McLean.....	26,826	3,283	915	70,957	1,815	1,702
Menard.....	4,520	550	215	5,165	642	630
Mercer.....	11,762	1,618	402	7,080	718	696
Monroe.....	3,606	139	115	9,327	2,460	2,556
Montgomery.....	13,150	1,145	400	27,788	2,124	2,444
Morgan.....	*6,531				1,002	863
Moultrie.....	4,659	593	202	14,400	583	532
Ogle.....	15,376	1,645	462	32,445	228	251
Peoria.....	16,463	1,053	325	21,959	747	750
Perry.....	*2,381	*137	*80	*4,922	1,086	1,077
Piatt.....	5,006	416	242	20,835	1,252	1,192
Pike.....	7,599	618	251	18,295	2,282	2,338
Pope.....	*2,395	*223	*85	*4,120	1,425	1,555
Pulaski.....	1,260	139	56	3,500	548	603
Putnam.....	3,359	458	71	9,596	119	130
Randolph.....	6,272	498	260	17,549	2,110	2,154
Richland.....	3,594	280	179	10,440	574	457
Rock Island.....	6,128	901	248	16,427	337	347
Saline.....	1,960	167	66	4,740	1,268	1,284
Sangamon.....	15,221	1,719	858	46,269	2,560	2,285
Schuyler.....	6,485	740	185	11,511	428	410
Scott.....	*1,396	141	52	4,070	424	420
Shelby.....	10,859	896	333	19,749	1,217	1,231
Stark.....	6,079	772	199	13,685	263	254
St. Clair.....	9,383	810	464	30,200	5,415	5,745
Stephenson.....	11,317	1,125	385	27,693	447	405
Tazewell.....	10,952	1,294	443	35,830	877	825
Union.....	2,414	184	97	6,115	1,510	1,472
Vermilion.....	13,979	1,371	729	49,058	1,362	1,220
Wabash.....	2,390	90	59	3,480	535	483
Warren.....	13,600	2,128	485	32,456	713	699
Washington.....	7,073	724	293	20,944	2,319	2,149
Wayne.....	5,345	469	255	16,457	1,330	1,405
White.....	4,660	264	179	12,176	1,644	1,726
Whiteside.....	*18,914	*1,221	*428	*25,411	293	285
Will.....	12,588	377	546	40,965	524	459
Williamson.....	2,865	230	77	4,823	1,910	2,090
Winnebago.....	9,217	1,315	405	23,538	157	140
Woodford.....	9,746	1,020	284	21,248	319	284
Total.....	837,664	80,458	29,635	\$1,904,760	109,486	107,970

\* Estimated.

## CATTLE.

*Number Fat Cattle for Market 1883 and 1884.*

Counties.	Number as- sessed May, 1884.	Number fat cattle for mar- ket, 1884.	Number fat cattle mar- keted, 1883.	Increase fat cattle, 1884.	Decrease fat cattle, 1884.
Adams.....	21,854	5,026	3,359	1,667	.....
Alexander.....	1,190	274	406	.....	132
Bond.....	7,611	1,750	1,275	475	.....
Boone.....	19,792	4,552	3,164	1,388	.....
Brown.....	11,189	2,573	2,961	.....	388
Bureau.....	43,310	9,961	13,096	.....	3,135
Calhoun.....	2,644	608	245	363	.....
Carroll.....	31,487	7,242	7,975	.....	733
Cass.....	9,465	2,177	4,326	.....	2,149
Champaign.....	30,700	7,661	8,751	.....	1,690
Christian.....	24,381	5,508	8,065	.....	2,557
Clark.....	11,265	2,591	1,908	683	.....
Clay.....	10,424	2,397	4,446	.....	2,049
Clinton.....	7,761	1,785	893	892	.....
Coles.....	13,125	4,169	5,608	.....	1,439
Cook.....	35,016	8,054	2,813	5,241	.....
Crawford.....	9,591	2,206	1,792	504	.....
Cumberland.....	8,843	2,034	1,253	781	.....
DeKalb.....	49,025	11,276	9,501	1,775	.....
DeWitt.....	15,254	3,508	4,341	.....	833
Douglas.....	17,155	3,946	9,118	.....	5,172
DuPage.....	17,806	4,095	2,854	1,241	.....
Edgar.....	40,316	9,273	14,082	.....	4,809
Edwards.....	7,838	1,803	683	1,120	.....
Effingham.....	10,836	2,492	1,806	686	.....
Fayette.....	12,558	2,888	2,006	882	.....
Ford.....	11,536	2,653	2,540	113	.....
Franklin.....	*608	140	*134	6	.....
Fulton.....	34,535	7,943	10,211	.....	2,268
Gallatin.....	5,330	1,226	2,560	.....	1,334
Greene.....	16,963	3,901	7,569	.....	3,668
Grundy.....	17,855	4,107	4,599	.....	492
Hamilton.....	6,771	1,557	1,191	366	.....
Hancock.....	32,027	7,366	8,852	.....	1,486
Hardin.....	2,994	689	632	57	.....
Henderson.....	*16,290	3,747	*4,595	.....	846
Henry.....	45,864	10,549	10,923	.....	574
Iroquois.....	48,171	11,079	10,718	361	.....
Jackson.....	7,468	1,718	1,982	.....	264
Jasper.....	10,431	2,399	1,738	661	.....
Jefferson.....	10,041	2,309	1,576	733	.....
Jersey.....	*9,012	2,073	*1,497	576	.....
JoDavies.....	40,757	9,374	9,877	.....	503
Johnson.....	3,218	740	3,276	.....	2,536
Kane.....	44,909	10,329	7,963	2,366	.....
Kankakee.....	19,311	4,441	7,019	.....	2,578
Kendall.....	19,360	4,453	5,675	778	.....
Knox.....	44,451	10,224	11,122	.....	899
Lake.....	20,643	4,748	2,515	2,233	.....
LaSalle.....	50,524	11,620	15,127	.....	3,507
Lawrence.....	8,029	1,847	1,546	301	.....
Lee.....	*37,130	8,540	*8,827	.....	287
Livingston.....	38,092	8,761	7,578	1,183	.....



## CATTLE—Continued.

Number Fat Cattle for Market, 1883 and 1884.

Counties.	Number assessed May, 1884.	Number fat cattle for market 1884.....	Number fat cattle marketed, 1883....	Increase fat cattle, 1884....	Decrease fat cattle, 1884....
Logan .....	41,009	9,432	5,247	4,185	.....
Macon .....	19,738	4,540	6,125	.....	1,585
Macoupin .....	24,108	5,545	5,656	.....	111
Madison .....	11,944	2,747	2,227	520	.....
Marion .....	10,999	2,530	2,038	492	.....
Marshall .....	*14,867	3,419	*3,467	.....	48
Mason .....	*7,287	1,676	*1,857	.....	181
Massac .....	3,170	729	612	117	.....
McDonough .....	*20,573	4,732	*7,297	.....	2,565
McHenry .....	47,696	10,970	6,447	4,523	.....
McLean .....	51,027	11,736	16,427	.....	4,691
Menard .....	11,273	2,593	4,750	.....	2,157
Mercer .....	33,733	7,768	9,677	.....	1,909
Monroe .....	3,577	823	324	499	.....
Montgomery .....	18,620	4,283	3,374	909	.....
Morgan .....	*16,678	3,836	*3,684	152	.....
Moultrie .....	8,923	2,052	2,856	.....	804
Ogle .....	50,938	11,716	11,808	.....	92
Peoria .....	23,152	5,325	4,721	604	.....
Perry .....	*3,634	836	*788	48	.....
Piatt .....	8,762	2,015	2,823	.....	808
Pike .....	15,240	3,505	4,220	.....	715
Pope .....	*3,581	824	*995	.....	171
Pulaski .....	2,196	505	1,186	.....	681
Putnam .....	7,450	1,713	2,811	.....	1,098
Randolph .....	9,343	2,149	1,909	240	.....
Richland .....	9,427	2,168	1,122	1,046	.....
Rock Island .....	21,557	4,958	5,319	.....	361
Saline .....	3,932	904	1,060	.....	156
Sangamon .....	38,819	8,928	16,759	.....	7,831
Schuyler .....	16,448	3,783	3,658	125	.....
Scott .....	*3,167	728	1,216	.....	488
Shelby .....	24,241	5,575	4,543	1,032	.....
Stark .....	13,867	3,189	5,763	.....	2,574
St. Clair .....	10,781	2,480	1,096	1,384	.....
Stephenson .....	39,634	8,978	5,994	2,984	.....
Tazewell .....	21,597	4,967	4,938	29	.....
Union .....	4,419	1,016	836	180	.....
Vermilion .....	32,450	7,463	13,414	.....	5,951
Wabash .....	5,107	1,175	773	402	.....
Warren .....	32,643	7,508	13,574	.....	6,066
Washington .....	8,844	2,034	1,187	847	.....
Wayne .....	14,595	3,357	1,768	1,589	.....
White .....	9,516	2,189	1,836	353	.....
Whiteside .....	*44,901	10,327	*7,769	2,558	.....
Will .....	37,676	8,665	8,926	.....	255
Williamson .....	3,914	900	1,168	.....	268
Winnebago .....	33,690	7,749	6,561	1,188	.....
Woodford .....	19,722	4,536	4,151	385	.....
Total .....	1,997,662	459,358	493,229	53,823	87,694

† 23 per cent. of number assessed.

\* Estimated.

## HOGS.

*Number Fat Hogs for Market, 1883 and 1884.*

Counties.	No. assessed, May, 1884.....	+No. fat hogs for market, 1884.....	No. fat hogs marketed, 1883	Increase fat hogs, 1884 .....	Decrease fat hogs, 1884 .....
Adams.....	70,604	58,601	37,167	21,434	.....
Alexander.....	2,547	2,114	498	1,616	.....
Bond.....	20,151	16,725	9,507	7,218	.....
Boone.....	24,922	20,685	21,118	.....	433
Brown.....	24,368	20,225	13,423	6,802	.....
Bureau.....	88,582	73,523	57,931	15,592	.....
Calhoun.....	9,034	7,498	2,469	5,029	.....
Carroll.....	45,070	37,408	33,398	4,010	.....
Cass.....	21,586	17,916	10,564	7,352	.....
Champaign.....	84,266	69,941	49,585	20,356	.....
Christian.....	70,060	58,150	37,430	20,720	.....
Clark.....	20,683	17,127	10,687	6,440	.....
Clay.....	.....	.....	9,413	.....	9,413
Clinton.....	19,019	15,786	7,112	8,674	.....
Coles.....	38,586	32,026	19,634	12,392	.....
Cook.....	18,912	15,697	11,712	3,985	.....
Crawford.....	23,521	19,522	11,946	7,576	.....
Cumberland.....	17,977	14,921	7,721	7,200	.....
DeKalb.....	69,221	57,453	55,240	2,213	.....
DeWitt.....	47,389	39,333	24,700	14,633	.....
Douglas.....	28,674	23,799	22,758	1,041	.....
DuPage.....	16,960	14,077	14,509	.....	432
Edgar.....	43,669	36,245	27,106	9,139	.....
Edwards.....	14,140	11,736	7,203	4,533	.....
Effingham.....	15,285	12,686	7,862	4,824	.....
Fayette.....	26,108	21,670	13,914	7,756	.....
Ford.....	26,909	22,334	22,794	.....	460
Franklin.....	*2,136	1,773	*393	1,380	.....
Fulton.....	97,229	80,700	58,175	22,525	.....
Gallatin.....	11,981	9,944	4,950	4,994	.....
Greene.....	41,642	34,563	28,338	6,225	.....
Grundy.....	16,125	13,384	11,669	1,715	.....
Hamilton.....	15,799	13,113	5,859	7,254	.....
Hancock.....	60,640	50,331	42,181	8,150	.....
Hardin.....	7,850	6,515	370	6,145	.....
Henderson.....	*33,044	27,426	*24,576	2,850	.....
Henry.....	110,891	92,039	70,308	21,731	.....
Iroquois.....	71,074	59,991	47,508	12,483	.....
Jackson.....	15,812	13,124	3,981	9,143	.....
Jasper.....	19,679	16,335	6,638	9,695	.....
Jefferson.....	17,840	14,807	8,020	6,787	.....
Jersey.....	*26,010	21,588	*13,108	8,480	.....
JoDavies.....	52,438	43,523	38,235	5,288	.....
Johnson.....	8,997	7,467	2,515	4,952	.....
Kane.....	31,611	26,237	28,211	.....	1,974
Kankakee.....	18,730	15,546	21,102	.....	5,556
Kendall.....	31,616	26,241	24,204	2,037	.....
Knox.....	109,926	91,238	53,838	37,400	.....
Lake.....	16,692	13,854	17,215	.....	3,361
LaSalle.....	91,366	75,834	53,869	21,965	.....
Lawrence.....	14,219	11,802	7,616	4,186	.....
Lee.....	*28,479	23,637	*24,620	.....	983
Livingston.....	9,615	7,980	60,388	.....	52,408

## HOGS—Continued.

Number Fat Hogs for Market, 1883 and 1884.

Counties.	No. assessed, May, 1884.....	No. fat hogs for market, 1884.....	No. fat hogs marketed, 1883	Increase fat hogs, 1884....	Decrease fat hogs, 1884....
Logan.....	75,330	62,524	38,422	24,102	.....
Macon.....	64,624	53,638	40,161	13,477	.....
Macoupin.....	59,661	49,519	29,386	20,133	.....
Madison.....	40,486	33,603	19,810	13,793	.....
Marion.....	21,618	17,943	7,706	10,237	.....
Marshall.....	*6,873	5,704	*27,357	.....	21,653
Mason.....	*12,194	10,121	*11,043	.....	922
Massac.....	7,737	6,422	832	5,590	.....
McDonough.....	*43,987	36,509	*40,677	.....	4,168
McHenry.....	56,573	46,955	33,009	13,946	.....
McLean.....	154,136	127,933	87,186	40,747	.....
Menard.....	21,832	18,120	12,565	5,555	.....
Mercer.....	69,534	57,713	37,054	20,659	.....
Monroe.....	9,386	7,790	752	7,038	.....
Montgomery.....	49,860	41,384	24,971	16,413	.....
Morgan.....	*92,689	13,832	*29,233	.....	10,401
Moultrie.....	21,109	17,520	12,906	4,614	.....
Ogle.....	78,252	64,950	48,915	16,035	.....
Peoria.....	64,989	53,941	46,618	7,323	.....
Perry.....	*8,070	6,698	*1,016	5,682	.....
Piatt.....	25,231	20,942	16,541	4,401	.....
Pike.....	44,347	36,808	30,917	5,891	.....
Pope.....	*8,606	7,143	*1,859	5,284	.....
Pulaski.....	5,372	4,459	1,367	3,092	.....
Putnam.....	9,735	8,080	12,633	.....	4,553
Randolph.....	17,947	14,896	5,278	9,618	.....
Richland.....	10,681	8,865	4,712	4,153	.....
Rock Island.....	35,462	29,433	25,563	3,870	.....
Saline.....	11,939	9,909	4,737	5,172	.....
Sangamon.....	70,437	65,933	46,839	19,094	.....
Schuyler.....	33,727	27,993	17,705	10,288	.....
Scott.....	*11,754	9,756	5,914	3,842	.....
Shelby.....	51,562	42,796	28,370	14,426	.....
Stark.....	48,115	39,935	29,495	10,440	.....
St. Clair.....	22,576	18,738	4,338	14,400	.....
Stephenson.....	63,630	52,813	41,756	11,057	.....
Tazewell.....	54,080	44,886	24,865	20,021	.....
Union.....	10,238	8,497	16,135	.....	7,638
Vermilion.....	71,972	59,737	42,250	17,487	.....
Wabash.....	12,428	10,315	5,275	5,040	.....
Warren.....	86,662	71,929	52,444	19,485	.....
Washington.....	16,803	13,946	4,494	9,452	.....
Wayne.....	24,999	20,749	7,909	12,840	.....
White.....	32,699	27,140	9,025	18,115	.....
Whiteside.....	*48,587	40,327	*53,460	.....	13,133
Will.....	28,835	23,933	26,140	.....	2,207
Williamson.....	12,350	10,250	2,831	7,419	.....
Winnebago.....	42,927	35,629	36,627	.....	998
Woodford.....	52,578	43,640	28,996	14,644	.....
Total.....	3,713,903	3,083,484	2,343,382	880,795	140,693

\*Estimated.

†83 per cent. of number assessed.



## SHEEP.

*Number Fat Sheep for Market 1883 and 1884.*

Counties.	Number as- sessed May, 1884.....	+Number fat sheep for market 1884..	Number fat sheep mar- keted 1883....	Increase fat sheep 1884...	Decrease fat sheep 1884...
Adams .....	16,614	3,655	3,405	250	.....
Alexander .....	513	113	109	4	.....
Bond .....	13,772	3,030	4,181	.....	1,151
Boone .....	9,745	2,144	1,644	500	.....
Brown .....	10,532	2,317	3,628	.....	1,311
Bureau .....	10,720	2,358	3,911	.....	1,553
Calhoun .....	986	217	177	40	.....
Carroll .....	2,776	611	814	.....	203
Cass .....	1,530	357	324	13	.....
Champaign .....	16,695	3,673	5,998	.....	2,325
Christian .....	14,934	3,285	4,746	.....	1,461
Clark .....	10,312	2,269	1,325	944	.....
Clay .....	.....	.....	3,378	.....	3,378
Clinton .....	8,547	1,880	899	981	.....
Coles .....	10,410	2,290	3,448	.....	1,158
Cook .....	2,891	636	432	204	.....
Crawford .....	19,143	4,211	3,573	638	.....
Cumberland .....	7,076	1,557	927	630	.....
DeKalb .....	9,131	2,009	3,271	.....	1,262
DeWitt .....	18,462	4,062	4,479	.....	417
Douglas .....	9,486	2,087	1,973	114	.....
DuPage .....	6,584	1,448	1,319	129	.....
Edgar .....	18,563	4,084	5,669	.....	1,585
Edwards .....	15,856	3,488	1,027	2,461	.....
Effingham .....	8,481	1,866	799	1,067	.....
Fayette .....	18,225	4,009	3,022	987	.....
Ford .....	3,691	812	1,069	.....	257
Franklin .....	*1,080	238	88	150	.....
Fulton .....	25,589	5,629	11,300	.....	5,671
Gallatin .....	2,983	656	640	16	.....
Greene .....	8,075	1,776	3,213	.....	1,437
Grundy .....	2,517	554	879	.....	325
Hamilton .....	8,705	1,915	781	1,134	.....
Hancock .....	8,139	1,790	10,625	.....	8,835
Hardin .....	2,710	596	1,196	.....	600
Henderson .....	*3,237	712	*1,027	.....	315
Henry .....	8,192	1,802	1,631	171	.....
Iroquois .....	8,978	1,975	3,609	.....	1,634
Jackson .....	4,929	1,084	843	241	.....
Jasper .....	11,399	2,508	1,404	1,104	.....
Jefferson .....	11,638	2,560	1,297	1,263	.....
Jersey .....	*9,500	2,090	*2,206	.....	116
JoDaviss .....	10,798	2,375	3,532	.....	1,157
Johnson .....	4,542	999	2,060	.....	1,061
Kane .....	9,193	2,022	3,211	.....	1,189
Kankakee .....	4,537	998	924	74	.....
Kendall .....	6,977	1,535	2,159	.....	624
Knox .....	15,318	3,370	7,501	.....	4,131
Lake .....	57,077	12,557	8,840	3,717	.....
LaSalle .....	13,504	2,571	5,732	.....	2,761
Lawrence .....	11,343	2,495	1,912	583	.....
Lee .....	*8,021	1,765	*2,103	.....	338
Livingston .....	8,702	1,914	1,496	418	.....

## SHEEP—Continued.

## Number Fat Sheep for Market 1883 and 1884.

Counties.	Number as- sessed May, 1884.....	+Number fat sheep for market 1884.	Number fat sheep mar- keted 1883..	Increase fat sheep 1884...	Decrease fat sheep 1884...
Logan.....	9,615	2,115	1,944	171	
Macon.....	9,725	2,139	2,930		791
Macoupin.....	35,118	7,726	5,876	1,850	
Madison.....	13,324	2,931	2,971		40
Marion.....	16,249	3,575	4,395		820
Marshall.....	*7,981	1,756	*1,885		129
Mason.....	*663	146	*193		47
Massac.....	1,294	285	256		29
McDonough.....	*12,059	2,653	*2,159	494	
McHenry.....	41,336	9,094	4,063	5,031	
McLean.....	34,227	7,530	10,292		2,762
Menard.....	5,865	1,290	1,500		210
Mercer.....	7,290	1,604	1,122	482	
Monroe.....	1,805	397	125	272	
Montgomery.....	22,311	4,908	4,332	576	
Morgan.....	*10,314	2,269	*2,989		720
Moultrie.....	3,361	739	1,179		440
Ogle.....	9,403	2,069	2,229		160
Peoria.....	10,914	2,401	2,762		361
Perry.....	*3,326	732	*459	273	
Piatt.....	3,197	703	881		178
Pike.....	11,949	2,629	2,424	205	
Pope.....	*6,248	1,374	*692	682	
Pulaski.....	1,633	359	770		411
Putnam.....	3,125	687	570	117	
Randolph.....	9,954	2,190	2,513		323
Richland.....	14,529	3,196	998	2,198	
Rock Island.....	2,696	593	1,175		582
Saline.....	6,563	1,444	895	549	
Sangamon.....	20,359	4,479	5,096		617
Schuyler.....	7,565	1,664	1,277	387	
Scott.....	*2,386	525	880		355
Shelby.....	26,691	5,872	3,533	2,339	
Stark.....	7,975	1,754	2,049		295
St. Clair.....	7,759	1,707	3,556		1,849
Stephenson.....	9,907	2,179	3,300		1,121
Tazewell.....	12,695	2,793	3,159		366
Union.....	4,551	1,001	877	124	
Vermilion.....	32,747	7,204	7,702		498
Wabash.....	6,456	1,420	843	577	
Warren.....	9,016	1,983	2,973		990
Washington.....	7,305	1,607	698	909	
Wayne.....	17,971	3,954	2,762	1,192	
White.....	13,488	2,967	1,515	1,452	
Whiteside.....	*4,284	942	*1,192		250
Will.....	4,802	1,056	1,218		162
Williamson.....	7,711	1,696	869	827	
Winnebago.....	12,722	2,799	4,918		2,119
Woodford.....	5,599	1,232	1,734		502
Total.....	1,071,421	235,792	260,486	33,569	63,353

\*Estimated.

†22 per cent. of number assessed.

# CONDITION CORN CROP, AUGUST 1, 1884, ETC.

NORTHERN DIVISION.

CENTRAL DIVISION.

SOUTHERN DIVISION.

Counties.	Counties.					Counties.					Counties.
	Condition June 1, 1884..	Condition July 1, 1884..	Condition August 1, 1884	Condition August 1, 1883	Condition August 1, 1882	Condition June 1, 1884..	Condition July 1, 1884..	Condition August 1, 1884	Condition August 1, 1883	Condition August 1, 1882	
	95	94	101	102	61	96	97	96	74	59	
	97	101	104	102	53	95	76	95	82	59	
	100	106	107	107	57	100	81	100	73	60	
	103	107	98	98	73	106	86	85	105	35	
Henderson.....	100	104	100	100	75	100	91	86	108	58	
Henry.....	96	92	81	81	48	99	87	90	96	42	
Iroquois.....	113	105	104	104	52	109	100	101	90	59	
JoDavies.....	98	96	92	92	73	75	78	70	80	56	
Kane.....	98	93	97	97	82	87	96	90	95	59	
Kankakee.....	100	99	100	100	72	100	99	91	100	59	
Kendall.....	99	95	84	84	71	93	93	99	95	53	
Knox.....	103	108	112	112	86	100	110	107	80	23	
Lake.....	96	93	91	91	46	75	93	93	105	67	
LaSalle.....	92	93	90	90	52	104	104	91	85	52	
Lee.....	101	104	100	100	78	99	99	97	94	67	
Livingston.....	99	97	93	93	81	83	84	80	87	60	
Marshall.....	103	109	99	99	57	95	100	97	82	62	
McHenry.....	99	101	104	104	82	72	80	80	90	84	
Mercer.....	98	100	100	100	68	100	100	80	90	52	
Ogle.....	97	99	96	96	80	91	91	95	84	52	
Peoria.....	96	99	99	99	84	94	84	91	89	53	
Putnam.....	96	105	100	100	80	84	82	82	105	46	
Rock Island.....	102	98	95	95	84	92	92	90	92	46	
Stark.....	101	103	101	101	92	91	95	91	100	45	
Stephenson.....	66	97	100	100	64	97	98	102	94	52	
Warren.....	106	100	105	105	88	92	94	105	80	78	
Whiteside.....	75	90	75	75	62	90	93	100	95	55	
Will.....	88	98	99	99	63	91	93	93	89	38	
Winnebago.....	97	113	105	105	91	89	95	108	78	65	
Woodford.....	115	112	105	105	60	93	97	85	99	55	
Average.....	98	100	97	97	61	102	107	105	79	53	
						90	95	93	90	55	



# WINTER WHEAT-AVERAGE YIELD PER ACRE FOR THE PAST NINE YEARS.

## NORTHERN DIVISION.

## CENTRAL DIVISION.

## SOUTHERN DIVISION.

Counties.	Bushels.						Counties.	Bushels.					
	1876.	1877.	1878.	1879.	1880.	Average		1876.	1877.	1878.	1879.	1880.	Average
Boone.....	12 15	18 20	22 8			15 12	Adams.....	19 9	17 26	13 9			15 14
Bureau.....	12 17	14 10	7 8			15 14	Brown.....	15 14	16 21	20 10			15 15
Carroll.....	15 20	22 19	25 5			18 13	Calhoun.....	25 17	17 19	27 9			20 16
Cook.....	15 20	20 15	19 15			15 15	Cass.....	17 17	22 17	22 17			15 16
DeKalb.....	10 10	18 25	20 5			20 17	Champaign.....	15 16	20 20	10 5			16 17
DuPage.....	15 10	15 20	10 15			15 17	Christian.....	13 18	14 27	25 5			16 9
Grundy.....	10 18	15 25	10 10			15 17	Clark.....	30 19	17 18	22 5			16 9
Henderson.....	15 15	19 23	9 7 1/2			21 14	Coles.....	11 17	18 22	10 8			15 8
Henry.....	6 15	16 22	12 9			20 17	Cumberland.....	9 13	14 13	13 7 1/2			16 7
Iroquois.....	15 15	20 26	17 9			19 10	De Witt.....	13 15	15 22	17 11 1/2			17 11
Jo Daviess.....	13 19	22 22	14 8			23 15	Douglas.....	15 15	15 19	19 8 1/2			18 8
Kane.....	13 25	17 21	16 20			19 22	Edgar.....	13 17	15 27	17 11 1/2			18 6
Kankakee.....	8 10	16 27	15 15			20 13	Ford.....	10 15	18 22	10 10			19 12
Kendall.....	15 14	13 20	15 10			15 15	Fulton.....	20 18	18 25	20 8			18 22
Knox.....	13 20	16 25	16 11			21 18	Greene.....	20 19	17 23	24 18			13 14
Lake.....	12 15	20 25	21 12 1/2			18 20	Hancock.....	21 18	17 24	26 11			17 18
LaSalle.....	16 25	17 24	20 20			19 15	Jersey.....	21 18	17 23	26 12			18 9
Lee.....	12 15	15 10	12 15			19 15	Logan.....	13 15	18 32	21 12 1/2			18 9
Livingston.....	11 15	13 22	10 11			19 25	Macon.....	18 17	17 19	22 9 1/2			18 11
Marshall.....	12 20	16 13	18 13			28 20	Macoupin.....	13 19	15 23	26 9			13 10
McHenry.....	9 19	20 24	22 10 1/2			25 22	Mason.....	10 15	16 20	19 4 1/2			20 15
Mercer.....	12 15	20 23	5 9			24 16	McDonough.....	11 17	15 26	17 6 1/2			20 15
Ogle.....	14 25	21 25	12 23 1/2			22 19	McLean.....	15 20	17 28	20 11 1/2			19 15
Peoria.....	15 15	14 25	16 13 1/2			20 21	Menard.....	15 20	17 24	19 9 1/2			19 11
Puthum.....	13 15	14 24	11 15			19 16	Montgomery.....	19 18	15 26	24 7			18 7
Rock Island.....	13 20	23 23	12 10			20 25	Morgan.....	19 18	17 25	19 10 1/2			17 12
Stark.....	15 15	12 26	15 15			16 17	Moultrie.....	12 18	15 23	19 5			15 15
Stephenson.....	13 22	23 21	6 1/2			20 14	Platte.....	11 25	17 27	19 10			17 11
Warren.....	11 20	21 26	13 9 1/2			20 17	Pike.....	16 14	15 20	7			10 16
Whiteside.....	12 18	13 23	5 4 1/2			20 17	Sangamon.....	12 17	17 24	23 9			17 12
Will.....	11 10	15 15	11 10			23 22	Schuyler.....	12 17	12 21	21 6			8 3
Winnebago.....	12 20	24 19	16 20			23 16	Scott.....	15 18	15 27	24 3			9 19
Woodford.....	11 15	20 25	16 13 1/2			21 13	Shelby.....	11 21	14 24	22 3			19 12
.....	.....	.....	.....			17 17	Tazewell.....	15 25	15 28	20 9			20 18
.....	.....	.....	.....			20 17	Vermilion.....	15 13	18 26	20 10			18 8
Average.....	12 17	18 22	15 11			20 17	Average.....	15 17	16 23	20 9			18 12

\* Estimated.



## SOUTHERN DIVISION.

\*Estimated.



**RYE—AVERAGE YIELD PER ACRE FOR THE PAST EIGHT YEARS.**

NORTHERN DIVISION.				CENTRAL DIVISION.				SOUTHERN DIVISION.			
Counties.				Counties.				Counties.			
Bushels.				Bushels.				Bushels.			
1884	1883	1882	1881	1884	1883	1882	1881	1884	1883	1882	1881
1880	1879	1878	1877	1880	1879	1878	1877	1880	1879	1878	1877
Average				Average				Average			
Boone.....	20	18	13	21	15	22	25	20	15	17	20
Bureau.....	18	23	21	16	17	17	20	19	15	10	15
Carroll.....	27	24	30	20	14	25	12	20	10	7	10
Cook.....	22	24	20	23	25	22	16	21	10	7	10
DeKalb.....	20	30	18	16	20	20	20	24	10	15	10
DuPage.....	35	35	13	17	25	30	20	24	15	18	12
Grundy.....	12	17	15	15	16	16	18	15	17	15	12
Henderson.....	16	19	20	15	18	15	17	15	18	15	12
Henry.....	22	18	18	20	21	17	17	19	18	12	10
Jacquets.....	20	16	18	15	14	15	11	15	17	17	15
Jo Daviess.....	17	22	14	14	18	25	18	18	15	12	16
Kane.....	25	20	24	22	15	23	20	21	14	12	11
Kankakee.....	16	12	21	12	19	20	15	16	16	12	11
Kendall.....	12	15	12	27	16	22	18	17	10	17	15
Knox.....	25	19	17	20	22	20	20	14	10	17	15
Lake.....	15	17	10	16	27	17	15	15	15	16	10
LaSalle.....	15	17	12	14	19	18	17	15	15	17	10
Lee.....	25	21	21	20	22	22	22	22	15	20	15
Livingston.....	21	14	11	17	21	15	21	18	15	20	15
Marshall.....	27	15	16	14	18	21	14	15	17	17	15
McHenry.....	17	19	14	16	14	18	17	25	17	15	12
McNairy.....	14	23	25	20	23	17	15	19	17	15	12
Ogle.....	23	20	19	20	27	20	24	21	10	17	15
Peoria.....	23	23	20	14	17	20	18	18	10	17	15
Putnam.....	20	17	20	16	21	19	22	19	17	17	15
Rock Island.....	21	18	18	19	13	21	11	15	17	17	15
Stark.....	23	18	20	21	16	22	20	19	15	15	12
Stephenson.....	22	28	16	22	17	25	20	23	10	10	8
Warren.....	17	12	20	18	18	18	20	18	17	15	17
Whiteside.....	18	22	18	25	17	20	19	27	17	15	17
Will.....	15	23	17	15	18	22	17	18	14	15	12
Winnebago.....	16	19	14	14	18	18	18	17	8	17	15
Woodford.....	20	14	20	16	17	20	18	18	17	17	10
Wood.....	16	14	20	16	17	20	18	18	17	17	10
Average.....	21	18	19	17	20	19	18	19	17	14	16
*Estimated											

\*Estimated







SOUTHERN DIVISION.

SOUTHERN DIVISION.							
Crawford.		Palestine.					
Rond .....		Greenville.					
Madison .....		Collinsville.					
St. Clair .....		Mascoutah.					
Perry .....		Sewanick.					
Hamilton .....		McLeansboro.					
Union .....		Anna .....	630	30,150	29,840	98,000	68,000
Pope .....		Goleconda.	377	30,169	29,765	92,000	68,000
Alexander .....		Cairo .....	377	30,169	29,765	92,100	66,600
Average .....			30,160	29,802	29,975	95,010	64,290
State Average .....			30,123	29,760	29,899	92,290	59,200

\*WIND.—Maximum velocity or force is estimated as follows: 1. Very light breeze, varies between 1 and 2 miles per hour. 2. Gentle breeze varies between 3 and 5 miles per hour. 3. Fresh breeze, varies between 6 and 14 miles per hour. 4. Strong wind, varies between 15 and 29 miles per hour. 5. High wind, varies between 30 and 39 miles per hour. 6. Gale, varies between 40 and 59 miles per hour. 7. Strong gale, varies between 60 and 69 miles per hour. 8. Violent gale, varies between 70 and 79 miles per hour. 9. Hurricane, varies between 80 and 99 miles per hour. 10. Most violent hurricane, varies from 100 upwards.

## REMARKS FOR JULY, 1884.

**ALEXANDER COUNTY**—W. H. RAY, Sergeant Signal Corps U. S. A., Cairo. The monthly means were as follows: Barometer, 29.963. Temperature, 78° 2. The rainfall of 7.34 inches for the month occurred as follows: 1st, .06; 2d, .07; 3d, .29; 5th, 2.16; 14th, 0.30; 15th, 1.14; 17th, 0.01; 25th, 0.02; 26th, 0.40; 27th, 0.57; 28th, 0.18; 30th, 2.14. Thunder and lightning on the 1st, 2d, 3d, 4th, 5th, 12th, 13th, 14th, 15th, 24th, 25th, 26th, 27th, 28th, 29th and 30th. The highest barometer for the month was 30.169, on the 21st; lowest, 29.765, on the 9th. Highest temperature 92° 0 on the 3d; lowest temperature, 66° 6 on the 14th and 21st. Prevailing direction of the wind, south. Highest velocity of wind 50 miles on the 26th; direction northeast. During the month there were 11 clear, 15 fair and five cloudy days and more or less rain on 13 days. Solar halo on the 22d. Lunar halo on the 3d. Mean July temperature of 1871, 1872, 1873, 1874, 1875, 1876, 1877, 1878, 1879, 1880 and 1881 was warmer, and the mean of 1882 and 1883 colder than that of 1884. The precipitation of July, 1884, has been exceeded by corresponding month since 1871 in 1875 and 1883.

**BOND COUNTY**—JOHN B. WHITE, Observer, Greenville. The highest temperature was 98° at 2 P. M. on the 23d; the lowest 68° at 7 P. M. on the 6th. Prevailing winds west and southeast. The direction of the wind in 93 observations, 16 north, 18 west, 16 southwest, 7 northwest, 2 east, 18 southeast, 10 northeast. On the 5th the wind blew a gale, twisting off a sugar maple seven inches in diameter. Thunder storms on the 1st, 2d, 3d, 5th, 12th, 13th, 15th, 17th, 23d, 24th, 26th and 27th. Monthly precipitation, 6.82 inches. Cloudiness averaged 8 or more on a scale of ten on 12 days. Hail storm on the 5th.

**CHRISTIAN COUNTY**—J. K. Eberle, Observer, Pana. The highest temperature during the month was 91° 0 on the 22d; the lowest 60° 0 on the 17th. Mean temperature for the month, 75° 5. Prevailing wind northwest. Thunder storms on the 2d, 5th, 15th, 23d, 24th, 25th, 26th, 27th and 28th. Precipitation for month 4 inches. At 1 o'clock A. M. on the 5th there was a heavy gale and thunder storm 5 miles north. There was a continued flash of lightning and rolling thunder, and considerable damage was reported. There was a heavy gale of wind at 11.50 A. M. from the northwest, accompanied with chain, diffuse and heat lightning.

**COLES COUNTY**—WILLIAM DOZIER, Observer, Mattoon. The highest temperature during the month was 97° on the 1st; the lowest 59° on the 6th and 14th; mean, 74°. Prevailing wind southwest. Thunder storms on the 2d, 3d, 5th, 8th, 23d, 24th, 25th, 26th, 28th and 29th. Monthly rainfall, 3.65 inches. The sky was clear at 56 observations, and cloudy at 37 observations during

the month. The direction of wind at 93 observations was as follows: North 7, south 7, east 1, west none, northeast 8, southeast 8, northwest 3, southwest 9, still 50. The heavy wind and rain-storm on July 23 damaged the growing corn and injured hay and grain stacks. The average temperature and rainfall the past five Julys at this station is as follows: 1880, temperature 80°, rain 3 inches; 1881, temperature 81°, rain ½ inch; 1882, temperature 78°, rain 2.07 inches; 1883, temperature 75°, rain 4.64 inches; 1884, temperature 74° 4, rain 3.65 inches.

**COOK COUNTY**—T. B. JENNINGS, Sergeant Signal Corps U. S. A., Chicago. The monthly means for July were as follows: Barometer, 29.905. Temperature, 69° 2. Highest barometer, 30.178, on the 20th; lowest 29.691, on the 31st. Highest temperature, 89° 2, on the 22d; lowest 53° 3, on the 6th. Prevailing direction of the wind northeast. Highest velocity of wind 28 miles on the 23d. In July there were 25 fair, 1 cloudy and 5 clear days. Rain amounting to 3.71 inches fell during the month. Rain fell on the 2d, 4th, 5th, 8th, 9th, 23d, 24th, 25th, 26th, 29th, 30th and 31st. The July mean temperature since 1872 was lower than that of 1884 in 1875 and 1882.

**CRAWFORD COUNTY**—J. E. TEMPLETON, Observer, Palestine. The highest temperature during month, 98°, at 2 P. M. on the 24th; lowest, 68°, at 7 A. M. on the 7th; mean, 76.88. The prevailing winds were west. There were thunderstorms on the 3d, 5th, 8th, 9th, 24th and 26th. Monthly rainfall, 3.34 inches. Cloudiness averaged 8 or more on a scale of ten on four days. More or less rain fell on nine days during the month.

**DEKALB COUNTY**—ROSWELL DOW, Observer, Sycamore. The highest temperature noted in July was 86° 4, at 2 P. M. on the 22d; the lowest 56°, at 7 A. M. on the 6th; mean temperature for the month, 67° 59. Thunderstorms on the 2d, 3d, 4th, 7th, 8th, 9th, 11th, 23d, 24th, 25th, 26th, 29th and 30th. Hailstorms on the 24th and 25th. Monthly rainfall, 8.84 inches. Cloudiness averaged 8 or more on a scale of ten on ten days. Much damage to crops was done by the wind, rain and hail storms ten miles northwest of Sycamore and two miles east of Sycamore on the 25th. The storm occurred between 3 and 5 P. M., and passed from northwest to southeast. There were 7 clear, 14 fair and 10 cloudy days the past month. The direction of the wind at time of observations in July was as follows: North, 8 times; northeast, 7; east, 9; southeast, 9; south, 10; southwest, 16; west, 3; northwest, 15; calm, 16 times.

**HAMILTON COUNTY**—WM. P. GIBBS, Observer, McLeansboro. Highest temperature, 98°, at 2 P. M. on the 23d; lowest, 57°,

at 7 A. M. on the 8th; the mean temperature for the month, 76°.35. Thunderstorms on the 1st, 2d, 3d, 5th, 7th, 8th, 9th, 13th, 15th, 23d, 25th, 26th, 27th, 28th and 30th. Monthly rainfall, 1.78 inches. Solar halos on the 6th, 11th, 13th and 14th. Prevailing winds, west and southwest. During the month there were 6 cloudy, 17 fair and 8 clear days. The direction of the wind at 93 observations made in July was as follows: From the west 16 times, southwest 12, east 30, northwest 8, northeast 5, north 4, southeast 2. Light dews about half the month; inappreciable rain on 8 days. Sunsets have been remarkably bright.

**KANE COUNTY**—M. M. ROBBINS, Observer, Aurora. Highest barometer during month, 30.16; lowest, 29.71; mean, 29.88. Highest temperature during month, 94°; lowest, 50°; mean, 71°.89. Monthly mean humidity, 80. Thunderstorms on the 2d, 3d, 4th, 8th, 23d, 24th, 25th, 26th, 29th and 30th; total rainfall, 6.33 inches. Cloudiness averaged 8 or more on a scale of ten on seven days. Heavy wind on the 23d and 24th was followed by thunderstorm in P. M. Heavy dew on the 26th was followed by thunderstorm just after noon.

**LEE COUNTY**—MATHIAS SCHICK, Observer, Prairieville. Highest barometer during the month, 30.130, on the 20th; lowest, 29.630, on the 4th. Highest temperature, 89°, on the 25th; lowest, 65°, on the 8th. The rainfall on 12 days during the month amounted to 10.60 inches. Thunderstorms on the 3d, 4th, 8th, 23d, 24th, 25th, 26th, 28th and 30th. The total movement of the wind during the month was 2,456 miles. There was some hail on the 23d and 30th. Solar halo on the 26th. Cloudiness averaged 8 or more on a scale of ten on six days.

**LOGAN COUNTY**—R. W. BURT, Observer, Atlanta. The highest temperature was 94°, on the 26th; the lowest, 54°, on the 12th and 13th. Prevailing winds during the month, S.W., S.E., and N.E. Thunderstorms on the 2d, 3d, 4th, 23d, 24th, 25th, 26th and 28th. Monthly rainfall, 4.22 inches; more or less rain fell on 14 days, and cloudiness averaged 8 or more on a scale of 10, on 4 days. There was a windstorm on the night of July 4th, which did considerable damage to the corn and grain crops. Corn, oats and hay were damaged by the heavy rain and windstorm on the night of July 23d.

**MADISON COUNTY**—J. L. R. WADSWORTH, Observer, Collinsville. The highest temperature during the month was 96°, recorded on the 23d; the lowest, 59°, on the 7th. The rainfall for the month was 2.21 inches; more or less rain fell on 9 days. There were thunderstorms on the 24th, 25th, 26th and 28th. July, 1884, temperature is about 3° below the average for corresponding month in previous years, and the rainfall is 2 inches below the July average. There was considerable alarm at the incipient indications of a cyclone on the 25th of July; the only result was a waterspout at East St. Louis, a few miles south and west of this place.

**McHENRY COUNTY**—JOHN W. JAMES, Observer, Marengo. The highest temperature during month was noted on the 22d, of 86°.8; the lowest, 50°, on the 7th. Mean temperature for the month, 67°.4. Prevailing winds, N.W., S.W., and N.E. Monthly rainfall 4.19 inches; there was some rain on 11 days in July. Thunderstorms on the 3d, 8th, 9th, 23d, 24th and 25th. Solar halos on

the 3d, 19th and 26th. During the month there were 10 clear, 15 fair and 6 cloudy days. The directions of the wind in July were as follows: N. 11, N.E. 16, E. 6, S.E. 5, S. 4, S.W. 17, W. 11, N.W. 20, calm 3 times. The mean temperature of July, 1884, has been 3°.2 below the mean of 23 Julys past, only July 1862 and 1865 were cooler. With two exceptions, July 1869 and 1882, the thermometer has always, during the past 23 years, reached a higher point in July. The amount of rainfall during the month has been but 0.16 inches more than the mean precipitation of 23 Julys past. During the past 23 years, July, 1868 was the warmest, 71°.5; 1865 the coldest, 64°.7; 1882 the wettest, 9.6 inches; and 1871 the driest, 1.04 inches.

**MENARD COUNTY**—J. D. WHITLEY, Observer, Petersburg. The highest temperature was 88°, at 2 P. M. on the 26th; the lowest temperature, 58°, at 7 A. M. on the 14th. Mean temperature for the month, 73°. Prevailing wind, southwest. There was rain on 9 days during the month, amounting to 3.22 inches. Thunderstorms on the 2d, 3d and 4th. Cloudiness averaged 8 or more on a scale of 10, on 9 days.

**OGLE COUNTY**—A. B. SWENEY, Observer, Polo. The highest temperature noted during the month was 90°, at 2 P. M. on the 11th; the lowest, 51°, at 7 A. M. on the 18th. The prevailing winds for the month were N.W. and S.W. Rain fell on 8 days during the month, amounting to 6.39 inches. Thunderstorms on the 3d, 4th, 8th, 23d and 24th. Cloudiness averaged 8 or more on a scale of 10, on 5 days. During the month there were 5 cloudy, 6 clear and 20 fair days. The direction of the wind during the month was as follows: N. 1, N.E. 4, S.E. 6, S.W. 45, W. 3, N.W. 34.

**PEORIA COUNTY**—FREDERICK BRENDL, Observer, Peoria. The highest barometer during the month was 29.753, on the 20th; the lowest, 29.347, on the 4th; monthly mean, 29.541. The highest temperature during the month, 93°; lowest, 59°; mean temperature, 75°.7; mean humidity, 70. Prevailing wind, east. Rain fell on 12 days during the month, amounting to 3.67 inches. Thunderstorms on the 4th, 8th, 22d, 23d, 25th and 26th. Cloudiness averaged 8 or more on a scale of 10, on 4 days.

**PERRY COUNTY**—J. C. ELLIOTT, Observer, Swanwick. Highest temperature during month, 94°, on the 23d; lowest, 67°, on the 21st. Mean temperature, 75°.5. Monthly precipitation, 1.90 inches, which is 1.51 inches below the mean average of the past three years. The mean temperature of July is 1°.1 below that of the past three years. Prevailing winds south. The directions at observations were as follows: South, 32 times; northwest, 12 times; southeast, 10 times; northeast, 8 times; southwest, 8 times. Thunderstorms on the 3d, 5th, 7th, 8th, 12th, 15th, 21st and 30th. Solar halos on the 16th and 29th.

**PIKE COUNTY**—A. MONROE, Observer, Grigsbyville. Highest barometer during the month, 30.20; lowest, 29.73; mean, 29.95. Highest temperature during month, 92°; lowest, 63°; mean, 73°. Prevailing wind, southwest and northeast. Rain fell on 12 days, amounting to 3.04 inches. Thunderstorms on the 3d, 7th, 9th, 11th, 15th, 22d, 24th and 28th. Cloudiness averaged 8 or more on a scale of 10, on 7 days. The directions of the wind at 93 observations during the month were as follows: Southwest, 23;



northeast, 18; southeast, 16; northwest, 14; east, 7; west, 7; north, 4; south, 4.

**POPE COUNTY**—J. E. Y. HANNA, Observer. The highest temperature during the month, 92°; lowest, 68°; mean during the month, 77°.20. The prevailing winds were northwest and west. Rain fell on 10 days, amounting to 5.49 inches. Thunderstorms on the 3d, 5th, 15th, 27th, 28th and 30th. There was a heavy gale from the west on the 27th. Distant thunder on the 2d, 7th, 9th, 13th and 25th; distant lightning on the 12th, 24th and 26th.

**SANGAMON COUNTY**—W. NORRINGTON, Sergeant Signal Corps, U. S. A., Springfield. Monthly means—barometer, 29.926; temperature, 74°.3. Highest barometer, 30.164, on the 20th; lowest, 29.719, on the 4th. Highest temperature, 90°.1, on the 1st; lowest, 61°.2, on the 7th. Prevailing wind, northwest; total movement, 4,340 miles. Highest velocity of wind, 30 miles per hour, from northwest. There were 8 clear, 18 fair and 5 cloudy days during the month. Rain fell on 16 days, amounting to 3.62 inches. Lunar halos on the 6th and 31st. Mean temperature of July, 1882, was colder, and that of 1879, 1880, 1881 and 1883 were warmer, than that of 1884. The precipitation of July, 1884, exceeds that of any former July since 1873, except that of 1883.

**ST. CLAIR COUNTY**—G. LIEBROCK, Observer, Mascoutah. The highest temperature during month, 94°, on the 23d; the lowest, 60°, on the 9th and 19th. The total rainfall for the month was only 1.40 inches. Thunderstorms on the 5th, 6th, 7th, 12th, 13th, 15th, 23d, 25th, 26th, 27th and 30th.

**UNION COUNTY**—JOHN D. NEWBIGIN, Observer, Anna. Highest barometer during month, 30.15; lowest, 29.84; mean, 29.87.

Highest temperature, 93°; lowest, 65°; mean, 77°.66. Prevailing wind, south and southwest. Rain fell on 11 days, amounting to 5.49 inches. Thunderstorms on the 1st, 3d, 5th, 15th, 25th, 27th, 28th and 30th. Hail-storm on the 27th. Solar halo on the 21st. Lunar halo on the 3d. Meteors on the 23d. Diffuse lightning after 8 P. M. on the 12th, 13th and 15th, N. to NW. Two brilliant meteors observed at 9 and 9:40, falling from northeast to southwest; one was especially bright, illuminating the whole country and casting very heavy shadows. The mean temperature, 77°.66, is 1°.24 below the July average of the past 9 years, and the rainfall is 1.29 inches above the average for the same period. July, 1881, was the warmest (30°.42), and without rain. July, 1875, was the coldest, 76°.09, and the wettest, 41.09 inches having fallen.

**WARREN COUNTY**—SMITH & DUNBAR, Observers, Monmouth. Highest barometer during the month, 29.65; lowest, 29.24; mean, 29.431. Highest temperature, 90°, on the 11th and 23d; lowest, 50°, on the 6th; mean, 76°.45. Prevailing wind, southeast and northwest. Rain fell on 12 days, amounting to 4.06 inches. Thunderstorms on the 2d, 4th, 11th, 21st, 22d, 24th, 25th and 26th. Cloudiness averaged 8 or more on a scale of ten on 5 days. Heavy dew on the 4th, and foggy; day pleasant until 7:30 P. M., when the heaviest storm of the season visited this section. Thunder and lightning was incessant and terrific. The whole heavens were brilliantly illuminated by the dazzling lightning. Five horses on pasture near Monmouth were killed by lightning. The C. B. & Q. depot was fired by the telegraph wire, and the operator shocked. A hail storm south and east of this place did considerable damage, the stones ranging in size from that of plums to hen eggs.

## CORRESPONDENTS' REMARKS.

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**ADAMS**—Corn is nearly up to an average in condition and has made much improvement since the rain. Sorghum cane will make over three-fourths of an average yield per acre. The small grains will average per acre as follows: Wheat, 15 bushels; rye, 12; oats, 34. The hay crop will average about  $1\frac{1}{2}$  tons per acre. Pastures are nearly up to an average in condition. There will be nearly an average yield per acre of Irish and sweet potatoes. Turnips and other root crops look well; the area is 20 per cent. less than last season. There was nearly an average crop of blackberries, and the condition of fruit gives encouragement for three-fourths of a crop of apples and grapes, an average crop of plums and half a crop of pears.

**ALEXANDER**—Corn is nearly up to an average in condition, and where well cultivated will make a large yield. The quality of wheat is not up to an average and the yield per acre will be about 13 bushels. Rye will make about 15 bushels. Oats 40 bushels per acre. Meadows turned off about two tons per acre. Sorghum cane is nearly up to an average in condition. Broom corn will make over three-fourths of an average yield per acre. Pastures look well. Prospects are encouraging for an average yield per acre of Irish and sweet potatoes. There will be more than an average crop of blackberries, nearly an average crop of pears, three-fourths of a crop of grapes and half a crop of apples and plums. Farm animals are generally healthy and in good condition.

**BOND**—The heavy rains early in the season interfered with the cultivation of corn, and the crop is not quite up to an average in condition. Broom corn and sorghum cane are up to an average in condition. The returns of the harvest indicate a yield per acre of 9 bushels of wheat, 10 bushels of rye and 29 bushels of oats. Hay will average  $1\frac{1}{4}$  tons per acre. Pastures are above an average in condition. Prospects are good for more than an average yield per acre of Irish and sweet potatoes. There will be two-thirds of a crop of blackberries and about half a crop of apples, pears, plums and grapes. Farm animals are generally healthy, except hogs, which are dying in large numbers in some localities. Rats are so numerous as to entail a great loss of grain and young fowls in portions of the county.

**BOONE**—The excessive rains have interfered with the cultivation of corn and the crop is hardly up to an average in condi-

tion. Broom corn and sorghum cane will not make an average yield per acre. The yield per acre of small grain is up to an average and will be as follows: Winter wheat and rye, 25 bushels; spring wheat 18, barley 30, oats 47. Meadows will average  $1\frac{1}{4}$  tons per acre. Pastures are above an average in condition. There will be nearly an average yield per acre of Irish potatoes. Buckwheat looks well; the area is not as large as last season. There will be an average crop of blackberries, plums and grapes, and three-fourths of a crop of apples.

**BROWN**—Corn is nearly up to an average in condition; in some portions of the county there is complaint of want of rain. Sorghum cane will make nearly an average yield per acre. Wheat and rye will average 16 bushels per acre, oats 36 bushels. Hay will average about  $1\frac{1}{4}$  tons per acre. Pastures are up to an average in condition. There will be more than an average yield per acre of Irish potatoes. Buckwheat looks well and the area is as large as in 1883. The area of turnips and other root crops is as large as last season and from present prospects there will be an average yield per acre. There will be nearly an average crop of grapes and blackberries; two-thirds of a crop of apples and half a crop of plums. Farm animals are in good condition and healthy.

**BUREAU**—Corn and other crops were badly damaged by the hail-storm July 23; the heavy rains that followed for nearly a week prostrated the oats and the extent of the damage cannot be ascertained at this time. The prospects are encouraging for 18 bushels of wheat per acre; rye 20 bushels, spring wheat 15 bushels, oats 40 bushels. Meadows will average  $1\frac{1}{4}$  tons per acre. Pastures are above an average in condition. There will be nearly an average yield per acre of Irish and sweet potatoes. The prospects indicate three-fourths of a crop of pears and blackberries; two-thirds of a crop of apples, and half a crop of grapes.

**CALHOUN**—Corn has made rapid growth during the past month and from present prospects there will be more than an average yield per acre. Sorghum cane is up to an average in condition. The harvest gives assurance of 16 bushels per acre of winter wheat, 25 bushels of rye and 30 bushels of oats. Meadows will average about  $1\frac{1}{2}$  tons per acre. Pastures are above an average in condition. There will be an average yield per acre of Irish and sweet potatoes. The area of turnips and other root crops is

larger than last season, and the prospects are encouraging for an average yield per acre. There will be more than an average crop of blackberries, nearly three-fourths of a crop of apples, half a crop of plums, and one-fourth of a crop of pears.

**CARROLL**—The stand of corn is good, and, where well cultivated, is above an average in condition. Broom corn and sorghum cane are up to an average in condition. Rye will average 12 bushels per acre, and oats 45 bushels per acre. The hay crop is large, and will average  $2\frac{1}{2}$  tons per acre. Pastures are above an average in condition. There will be three-fourths of a crop of Irish potatoes, and an average crop of sweet potatoes. Turnips and other root crops are up to an average in condition, and the area is as large as last season. There will be more than an average crop of blackberries, two-thirds of a crop of apples and plums, and half a crop of grapes.

**CASS**—Corn is up to an average in condition; there is considerable complaint of damage to corn by the root-worm, more especially where corn has been grown on the same land for a term of years. Sorghum cane is nearly up to an average in condition. There will be about 17 bushels of winter wheat per acre, 10 bushels of rye, and 39 bushels of oats. Meadows will make  $1\frac{1}{4}$  tons per acre. Pastures are above an average in condition. There will be about an average yield per acre of Irish and sweet potatoes. Turnips and other root crops are up to an average in condition, and the area is as large as last season. There will be about an average crop of blackberries, three-fourths of a crop of apples, and two-thirds of a crop of grapes.

**CHAMPAIGN**—Corn in some portions of the county is badly blown down, otherwise the condition promises an average yield per acre. Broom corn and sorghum cane look well. Winter wheat is generally of good quality, and will average 15 bushels per acre, rye 20 bushels, and oats 35 bushels. Meadows averaged  $1\frac{1}{2}$  tons of hay per acre. Pastures are above an average in condition. There will be an average yield per acre of Irish and sweet potatoes. Buckwheat looks well, and the area is as large as last season. The area of turnips and other root crops is as large as last season, and the condition gives encouragement for an average yield per acre. There will be an average crop of quinces, nearly an average crop of apples, three-fourths of a crop of pears, and two-thirds of a crop of grapes and blackberries.

**CHRISTIAN**—Corn will make an average yield per acre; on drained land, where the crop has received good cultivation, there will be more than an average corn crop. Sorghum cane is above an average in condition. The quality of wheat is poor, and there will not be over 10 bushels per acre on an average. Rye will average about 15 bushels, oats 27 bushels—the oat crop was damaged by recent rains. Meadows averaged about 2 tons of hay per acre. Pastures are up to an average in condition. Sweet potatoes are nearly up to an average in condition. There will be more than an average yield per acre of Irish potatoes. Turnips and other root crops look well, and the area is some larger than last season. Farm animals are healthy, and above an average in condition.

**CLARK**—Corn is not up to an average in condition, owing to the cool, wet season; the crop has not been properly cultivated, and the yield per acre will be much below an average. Broom corn and sorghum cane are not up to an average in condition. The grain crop will be small. Wheat and rye average about 7 bushels per acre, oats 30 bushels per acre. Meadows averaged about  $1\frac{1}{2}$  tons per acre. The condition of tobacco gives encouragement for over three-fourths of an average yield per acre. Pastures are above an average in condition. There will be nearly an average yield per acre of sweet potatoes, and over three-fourths of an average yield of Irish potatoes. Turnips and other root crops look well, and the area is as large as last season. There will be over three-fourths of an average crop of plums, quinces and grapes; nearly two-thirds of a crop of apples, and less than half a crop of pears and blackberries.

**CLAY**—The drouth has reduced the prospects for corn, and less than three-fourths of an average yield per acre will be harvested this season. Sorghum cane and broom corn will, with favorable season, make more than three-fourths of an average yield per acre. The crop of small grain is poor in quality and limited in quantity. Winter wheat, 6 bushels per acre; rye, 12 bushels; oats, 27 bushels. Meadows averaged about  $1\frac{1}{4}$  tons per acre. Tobacco and castor beans are up to an average in condition. Pastures are short, owing to the drouth. There will be nearly an average yield per acre of Irish and sweet potatoes. Turnips and other root crops look well, and the area is as large as in 1883. There will be an average crop of plums, nearly an average crop of grapes, three-fourths of a crop of apples and quinces, and half a crop of blackberries. Horses are in fair condition. Cattle and sheep doing well. Hogs rather thin.

**CLINTON**—The drouth from the 10th to the 28th of July reduced the prospects for corn and other growing crops—not over two-thirds of an average yield per acre of corn is expected. Broom corn looks well. Sorghum cane will make three-fourths of an average yield per acre. There will be about 15 bushels of wheat per acre, 12 bushels of rye, and 33 bushels of oats. Meadows averaged about  $1\frac{1}{4}$  tons per acre. Tobacco is nearly up to an average in condition. Castor beans look well. Pastures are above an average in condition. Prospects are encouraging for over three-fourths of a crop of Irish and sweet potatoes. The area of buckwheat is larger than last season, and, from present prospects, there will be an average yield per acre. Turnips and other root crops are nearly up to an average in condition; the area is as large as last season. There will be over three-fourths of an average crop of grapes, over half a crop of pears and plums, and less than half a crop of apples and blackberries.

**COLES**—Corn is good on drained land, but in bad condition otherwise, on account of the excessive rains in June, which interfered with cultivation; prospects are not encouraging for much over three-fourths of an average yield per acre of corn, broom corn or sorghum cane. Wheat and rye will average 11 bushels per acre; oats, 28 bushels. Meadows average  $1\frac{1}{2}$  tons per acre. Tobacco is much above the average in condition. Pastures are better than



usual for the season. There will be nearly an average yield per acre of Irish and sweet potatoes. The area of turnips and other root crops is as large as in 1883, and, from present prospects, there will be three-fourths of an average yield per acre. There will be about three-fourths of a crop of pears and blackberries, nearly an average crop of grapes, and over half a crop of apples. Farm animals are generally healthy, excepting distemper among horses, which in some localities has been quite prevalent.

COOK—Corn is nearly up to an average in condition, and since the late rains has made very rapid growth. There was a scarcity of rainfall from the first part of May to the middle of July. Sorghum cane is nearly up to an average in condition. The harvest gives assurance for 20 bushels of winter wheat per acre, 16 bushels of rye, 12 bushels of spring wheat, and 27 bushels of oats. The hay crop is light and will not average over one ton per acre. Tobacco looks well. Pastures are short. Irish potatoes are nearly up to an average in condition. Turnips and other root crops look well; the area is as large as last season. There will be nearly an average crop of grapes and blackberries, over three-fourths of a crop of apples, and three-fourths of a crop of pears. Farm animals are not up to an average in condition, owing to short pastures.

CRAWFORD—The drouth has been unfavorable for corn, and from present prospects there will not be much over three-fourths of an average yield per acre. The quality of wheat is poor, and there will not be over 7 bushels per acre on the average; 12 bushels of rye and 33 bushels of oats. Meadows will average  $1\frac{1}{2}$  tons of hay per acre. Broom corn and sorghum cane will make over three-fourths of an average yield per acre. Tobacco is not up to an average in condition. Pastures are short. Irish and sweet potatoes will make over three-fourths of an average yield per acre. Buckwheat is nearly up to an average in condition; the area is larger than last season. The area of turnips and other root crops is as large as last season; condition fair. There will be over three-fourths of a crop of plums and grapes, over half a crop of blackberries, pears and apples, and less than half a crop of quinces.

CUMBERLAND—Prospects are not encouraging for much over two-thirds of an average yield per acre of corn, owing to the cool, dry weather. Broom corn and sorghum cane are nearly up to an average in condition. Tobacco is making fair growth. Pastures are short and needing rain. There will be over three-fourths of an average yield per acre of Irish and sweet potatoes. Prospects are fair for three-fourths of a crop of apples and grapes, and two-thirds of a crop of pears, plums and blackberries. Farm animals are healthy and in fair condition.

DEKALB—Corn is above an average except in that portion of the county visited by the hail storm on Friday afternoon, July 24, 1884. The storm covered a strip three miles wide by six or seven miles long, and literally destroyed the crops. Corn and oat fields in this section will be pastured with stock to save the little that was not beat into the mud. Sorghum cane is nearly up to an average in condition. Winter wheat and rye will make 20 bushels per acre; spring wheat and barley, 12 bushels; oats,

40 bushels. Meadows will average  $1\frac{1}{2}$  tons per acre. Pastures are above an average in condition. There will be nearly an average yield per acre of Irish potatoes. Turnips and other root crops look well, and the area is as large as last season. Prospects are favorable for over three-fourths of an average crop of apples and blackberries, and two-thirds of a crop of grapes.

DEWITT—Corn will make an average yield per acre. The prospects have seldom been better for a large yield of corn on tilled land than this season. The quality of grain is good, and the yield per acre will average as follows: Winter wheat, 18 bushels; spring wheat, 15 bushels; rye, 16 bushels; oats, 33 bushels. Hay crop is large, and will average two tons per acre. Broom corn and sorghum cane are nearly up to an average in condition. Tobacco is up to an average in condition. Pastures have seldom been better. There will be more than an average yield per acre of Irish and sweet potatoes. Turnips and other root crops are above an average in condition; the area is nearly as large as last season. There will be about an average crop of apples, pears, plums, quinces and blackberries, and over half a crop of grapes.

DOUGLAS—The rain and severe wind-storm July 22, seriously injured the prospects for corn, and unless there is considerable improvement there will not be three-fourths of an average yield per acre. Sorghum cane will make about two-thirds of a crop, and broom corn over half a crop. The quality of wheat is poor and there is complaint of an unusual amount of scab; wheat averages about 13 bushels per acre; rye 12 bushels, and oats 32 bushels. Meadows  $1\frac{1}{2}$  tons of hay per acre. Tobacco looks well. Pastures are up to an average in condition. There will be about three-fourths of an average yield per acre of Irish and sweet potatoes. The area of turnips and other root crops is less than last season and from present prospects there will not be more than three-fourths of an average yield per acre. There will be nearly an average crop of blackberries and about half a crop of apples, pears, plums, grapes and quinces.

DUPAGE—Corn has made rapid improvement since the late rains and with favorable season will make nearly an average yield per acre. There was a lack of rain from June 1 to July 20. Sorghum cane is nearly up to an average in condition. The quality of grain is fair; the yield per acre as follows: Rye, 20 bushels; spring wheat, 25 bushels; oats, 47 bushels. The late storms lodged the oats badly in some localities. Meadows averaged about one ton of hay per acre. Pastures are short. There will be about three-fourths of an average crop of Irish potatoes. Turnips and other root crops are nearly up to an average in condition; the area is less than last season. There will be about three-fourths of a crop of apples and blackberries, and one-third of a crop of grapes.

EDGAR—There has been too much rain the past two months for corn, which is not in as good state of cultivation as usual and there will hardly be an average yield per acre. Broom corn will not make half an average yield per acre, and sorghum cane will make but little over three-fourths of an average yield per acre. The late wind-storm injured the crops. Winter wheat has been damaged by the scab and is now

rotting in shock in localities, caused by the continued rains; wheat will average per acre 11 bushels; rye 10 bushels and oats 27 bushels. Meadows averaged  $1\frac{1}{4}$  tons per acre. Tobacco is nearly up to an average in condition. Pastures look well. There will be nearly an average crop of Irish and sweet potatoes. Turnips and root crops are nearly up to an average in condition; the area is about as large as last season. There will be nearly two-thirds of a crop of pears and blackberries; nearly half a crop of apples and over one-third of a crop of plums and grapes.

**EDWARDS**—Corn has suffered for want of rain and from present prospects there will not be much over three-fourths of an average yield per acre; the same may be said of broom corn and sorghum cane. Considerable wheat has moulded in shock; the yield per acre will average about 16 bushels; oats 27 bushels. The hay crop was light, not averaging over one ton per acre. Tobacco is nearly up to an average in condition. Pastures have improved since late rains, but are not up to an average in condition. There will be about an average yield per acre of Irish and sweet potatoes. Turnips and other root crops look well and the area is as large as last season. There will be over three-fourths of a crop of grapes; two-thirds of a crop of pears; half a crop of apples and plums, and a few blackberries. Farm animals are in fair condition and there are no complaints of disease.

**EFFINGHAM**—Corn prospects give encouragement for nearly three-fourths of an average yield per acre; the dry weather has been unfavorable for the crops. Sorghum cane will make over three-fourths of an average yield per acre. The quality of wheat is fair; average yield per acre, 8 bushels; rye, 12 bushels; oats, 29 bushels. Meadows averaged about  $1\frac{1}{4}$  tons per acre. Tobacco is nearly up to an average in condition. Pastures are short. Irish and sweet potatoes will make over three-fourths of an average yield per acre. The area of turnips and other root crops is not as large as last season and prospects are not encouraging for an average yield per acre. There will be nearly two-thirds of a crop of pears, plums, grapes and quinces, and more than half a crop of apples and blackberries.

**FAYETTE**—There is great complaint of scarcity of rain, and from present prospects there will not be more than three-fourths of an average yield per acre of corn. Broom corn and sorghum cane look better than corn, but will not make an average yield per acre. Some fields of wheat were badly damaged by the scab. The average yield per acre for the county will be 7 bushels of wheat, 8 bushels of rye and 23 bushels of oats. Meadows averaged about  $1\frac{1}{4}$  tons per acre. Tobacco and castor beans are nearly up to an average in condition. Pastures are short. There will be nearly an average yield per acre of Irish and sweet potatoes. Turnips and other root crops are not up to an average in condition and the area is less than last season. There will be over three-fourths of a crop of pears and quinces, two-thirds of a crop of blackberries, and about half a crop of apples, plums and grapes, and a few peaches.

**FORD**—The heavy rains early in July interfered with the cultivation of corn, and the proportion of weedy corn is larger than

usual; there will not be quite an average yield per acre. Small grain was damaged by the heavy rains and a portion of the oat crop so badly lodged that it was not harvested. The yield per acre of small grain is as follows: Winter wheat, 15 bushels; rye, 22 bushels; oats, 32 bushels. Hay will average 1 ton per acre. Pastures are above an average in condition. There will be more than an average yield per acre of Irish potatoes, and an average yield of sweet potatoes. There will be an average crop of apples, pears and blackberries, and over one-third of a crop of grapes. Farm animals are healthy and in seasonable condition; the flies have been more troublesome than usual this season.

**FRANKLIN**—Corn is generally late and the stand uneven; with sufficient rain there will be nearly an average yield per acre. The same may be said of sorghum cane. Wheat has been damaged in the shock by the rains, and the quality is not up to an average; yield per acre, 7 bushels. Oats will average 30 bushels per acre. Meadows averaged  $1\frac{1}{4}$  tons per acre. Tobacco and castor beans are not quite up to an average in condition. Pastures look well. There will be an average yield per acre of Irish and sweet potatoes. Turnips and other root crops look well and the area is as large as last season. There will be nearly an average crop of grapes, three-fourths of a crop of apples, half a crop of pears, and a few blackberries. Farm animals are in good condition.

**FULTON**—Corn is in a good state of cultivation and will make an average yield per acre; corn has made rapid improvement, since the late rains. Sorghum cane looks well. Grain is of good quality. Wheat will average 20 bushels per acre, rye 13 bushels, and oats 35 bushels. Meadows averaged about 2 tons of hay per acre. Pastures are up to an average in condition. There will be an average yield per acre of Irish and sweet potatoes. Turnips and other root crops look well and the area is some larger than last season. There will be about an average crop of apples, pears and blackberries, and over three-fourths of a crop of grapes. Farm animals are healthy and in good condition.

**GALLATIN**—Corn is rather small for the season, but has made rapid growth since the late rains, and with favorable season will make nearly an average yield per acre. Sorghum cane will make three-fourths of an average yield per acre. Wheat is of fair quality, and will make an average of 14 bushels per acre; oats 30 bushels per acre. Meadows will average  $1\frac{1}{2}$  tons per acre. Tobacco is nearly up to an average in condition. Pastures are rather short and needing rain. There will be nearly an average yield per acre of Irish and sweet potatoes. Turnips and other root crops are up to an average in condition, and the area is as large as last season. There will be an average crop of apples, nearly an average crop of plums and grapes, and about three-fourths of a crop of pears and quinces. Farm animals are healthy, with now and then a case of so-called hog cholera.

**GREENE**—The prospects are favorable for an average yield per acre of corn, broom corn and sorghum cane. The quality of wheat is from medium to good, and the yield per acre will average about 14 bushels. Oats will average about 28 bushels



Hay is of good quality, and will average  $1\frac{1}{2}$  tons per acre. Tobacco will make three-fourths of an average yield per acre. Pastures are above an average in condition. There will be a large crop of Irish and sweet potatoes. The area of turnips and other root crops is some larger than last season, and condition gives assurances for an average yield per acre. There will be over three-fourths of an average crop of plums, grapes and blackberries, two-thirds of a crop of quinces, and over half a crop of apples and pears. There are a few cases of hog cholera; otherwise farm animals are healthy and in good condition.

**GRUNDY**—Corn was damaged by the recent wind storms, but with favorable season will make an average yield per acre. The corn-root worm has injured the corn, and the stalks break easily when the winds are strong. Sorghum cane is nearly up to an average in condition. Rye will average 18 bushels per acre; spring wheat 20 bushels; oats 37 bushels. Hay crop will average  $1\frac{1}{4}$  tons per acre. Pastures are above an average in condition. Sweet potatoes look well, and Irish potatoes are nearly up to an average in condition. The area of turnips and other root crops is some larger than last season, and there will, from present prospects, be an average yield per acre. There will be nearly an average crop of plums and blackberries, an average crop of pears, three-fourths of a crop of apples, and over half a crop of grapes. Farm animals are generally healthy and in good condition.

**HAMILTON**—The severe drouth has reduced the prospects for corn, and from present outlook there will not be more than two-thirds of an average yield per acre. Broom corn looks well. Sorghum cane will make nearly three-fourths of an average yield per acre. The quality of wheat is fair; the yield per acre 7 bushels. Rye will make 9 bushels per acre; oats 28 bushels. Hay was saved in good condition, and will average about 2 tons per acre. Tobacco will make nearly three-fourths of an average yield per acre. Castor beans are nearly up to an average in condition. Pastures are nearly up to an average in condition. Irish and sweet potatoes are looking well. Turnips and other root crops are not up to an average in condition; the area is less than last season. There will be nearly an average crop of pears, over three-fourths of a crop of grapes, two-thirds of a crop of apples, and one-third of a crop of plums. Chinch-bugs have made their appearance again in localities. Wheat has moulded in shock even when cut in dry weather. The blight or mould is new to farmers in this county.

**HANCOCK**—Corn is in good state of cultivation, and with favorable season will make more than an average yield per acre. Sorghum cane is up to an average in condition. The quality of grain is fair, and the yield of wheat will average 15 bushels per acre; rye, 13 bushels; oats, 31 bushels. Meadows averaged about  $1\frac{1}{2}$  tons per acre. Pastures are nearly up to an average in condition. Sweet potatoes look well, and Irish potatoes will make more than an average yield per acre. Turnips and other root crops are up to an average in condition, and the area is as large as in 1883. There will be nearly an average crop of blackberries, three-fourths of a crop of plums, half a crop of grapes, over one-third of a crop of pears, and over one-fourth of a crop of apples.

**HARDIN**—Corn is late and the stand uneven; the cold, wet spring has been unfavorable for corn, and the prospects are not encouraging for much over two-thirds of an average yield per acre. Sorghum cane will make nearly three-fourths of an average yield per acre. Wheat ripened unevenly and some was cut too green; there has been considerable complaint of wheat moulding in shock; the yield per acre will average 12 bushels of wheat and 27 bushels of oats. Hay crop was large, averaging  $2\frac{1}{2}$  tons per acre. Tobacco will not make half an average yield per acre. Pastures are short. Irish potatoes look well and there will be three-fourths of an average yield per acre of sweet potatoes. There will be an average crop of quinces; about three-fourths of a crop of apples; one-third of a crop of grapes and less than one-fourth of a crop of blackberries. Farm animals are healthy and in thriving condition.

**HENDERSON**—Corn looks well and with favorable season will make an average yield per acre. There has been a scarcity of rain for nearly six weeks. Sorghum cane will make over three-fourths of an average yield per acre. Quality of grain is good and the yield per acre as follows: Winter wheat, 17 bushels; rye, 17 bushels; spring wheat, 15 bushels; oats, 37 bushels. Hay has generally been saved in good condition and will average  $2\frac{1}{4}$  tons per acre. Tobacco is nearly up to an average in condition. Pastures are holding out well. There will be an average yield per acre of Irish and sweet potatoes. Turnips and other root crops are not up to an average in condition and the area is not quite as large as last season. There will be more than an average crop of blackberries; nearly an average crop of apples, plums and grapes, and half a crop of pears. Hogs and cattle doing well; some complaint of epizootic among horses in the vicinity of Lomax.

**HENRY**—Corn has been blown down badly by the storms the past two weeks; there is much complaint of damage resulting from the corn-root worm, which has seriously damaged the corn in fields where this crop has been grown continuously for years. The prospects are not encouraging for much over three-fourths of an average yield per acre. Broom corn will make over three-fourths of an average yield per acre. Sorghum cane is above an average in condition. Oats have been badly lodged by storms the past two weeks and will not average over 45 bushels per acre; rye 17 bushels per acre. New meadows made a large yield; the hay crop will not average over  $1\frac{1}{4}$  tons per acre. Castor beans are up to an average in condition. Pastures are in fine order. There will be more than an average yield per acre of Irish and sweet potatoes. Turnips and other root crops look well and the area is as large as in 1883. There will be more than an average crop of blackberries; nearly an average crop of apples and plums; about two-thirds of a crop of pears and over half a crop of grapes.

**IROQUOIS**—Corn is making good growth and the warm, moist weather is favorable for the crop, which promises more than an average yield per acre. Sorghum cane is nearly up to an average in condition. Winter wheat will make an average yield per acre of 14 bushels; rye 11 bushels, barley 20 bushels, oats 35 bushels. Meadows averaged  $1\frac{1}{4}$  tons per acre. Pastures are above an average in condition. There will



be an average yield per acre of Irish and sweet potatoes. Turnips and other root crops look well and the area is as large as last season. There will be more than an average crop of blackberries; nearly an average crop of apples; over three-fourths of a crop of plums and about two-thirds of a crop of pears and grapes. Farm animals are in good condition and there are no complaints of disease.

**JACKSON**—Corn that has been properly tended is above an average in condition, and the yield for the county will be above an average. Broom corn and sorghum cane are nearly up to an average in condition. Quality of wheat is from bad to fair. The yield per acre of small grain is as follows: Wheat and rye, 12 bushels; barley, 20 bushels; oats, 27 bushels. Hay will average about  $1\frac{1}{2}$  tons per acre. Tobacco will make three-fourths of an average yield per acre. Pastures look well. Irish potatoes are above an average in condition. Sweet potatoes will make nearly an average yield per acre. Turnips and other root crops are about up to an average in condition; the area is as large as last season. There will be over three-fourths of an average crop of grapes, half a crop of apples and pears, one-third of a crop of blackberries, and one-fourth of a crop of plums.

**JASPER**—The drouth has reduced the prospects for corn, and not over three-fourths of an average yield per acre is expected. The same may be said of sorghum cane. The quality of wheat is fair, and the yield per acre will average 5 bushels. Oats will make about 25 bushels per acre. Pastures are not up to an average in condition. There will be about three-fourths of a crop of Irish potatoes, and nearly an average crop of sweet potatoes. There will be an average crop of grapes, over three-fourths of a crop of apples, and half a crop of blackberries. Farm animals are healthy and in good condition.

**JEFFERSON**—Corn will not make much over half an average yield per acre; the drouth has been quite severe. Broom corn will make about three-fourths of a crop, and sorghum cane two-thirds of a crop. Quality of wheat is poor, and the yield per acre will not average over 7 bushels; rye, 12 bushels; oats, 27 bushels. Meadows averaged about  $1\frac{1}{2}$  tons per acre. Tobacco and castor beans will make about three-fourths of an average yield per acre. Pastures are short. Sweet potatoes look well. Irish potatoes will make about three-fourths of an average yield per acre. There will be three-fourths of a crop of grapes and pears, half a crop of plums, and less than half a crop of apples and blackberries. There are no complaints of disease among farm animals, and condition is good considering the dry season.

**JERSEY**—There has been considerable improvement in the condition of corn the past month, and with continued favorable weather, there will be about an average yield per acre. The same may be said of sorghum cane. There is more bleached wheat than usual this season. Wheat will not average over 15 bushels per acre; rye, 20 bushels; barley, 25 bushels; oats, 40 bushels. Meadows will average  $2\frac{1}{4}$  tons per acre of hay; considerable hay was damaged by the wet weather during harvest. Pastures are in good condition. There will be an average yield per acre of Irish and sweet potatoes. There will be about three-fourths of a crop of blackber-

ries and quinces, two-thirds of a crop of plums, half a crop of apples and grapes, and less than half a crop of pears.

**JoDAVIESS**—The cool, wet season has not been favorable for corn which is not quite up to an average in condition. Sorghum cane is nearly up to an average in condition. The yield and quality of small grains is good. Winter wheat will average 25 bushels per acre; oats, 42 bushels. Meadows will average  $1\frac{1}{4}$  tons per acre. Tobacco is above an average in condition. Pastures are in good condition. There will be about three-fourths of an average yield per acre of Irish potatoes. Turnips and other root crops are nearly up to an average in condition, and the area is as large as last season. There will be nearly an average crop of blackberries, three-fourths of a crop of grapes, half a crop of apples, nearly half a crop of plums, and a few pears.

**JOHNSON**—There has been too much rain for the cultivation and growth of crops, and from present prospects there will not be much over three-fourths of an average yield per acre of corn or sorghum cane. Wheat was damaged by the scab, and there will not be over ten bushels per acre on the average. Oats will make about 28 bushels per acre; meadows averaged about  $1\frac{1}{2}$  tons per acre; pastures are nearly up to an average in condition. Sweet potatoes will make three-fourths of an average yield per acre, and Irish potatoes an average. There will be two-thirds of a crop of blackberries, over half a crop of pears and plums nearly half a crop of apples and over one-third of a crop of grapes. Farm animals are healthy and in fair condition.

**KANE**—Corn is nearly up to an average in condition and making rapid growth. The grain harvest has been satisfactory, rye will average 20 bushels per acre; spring-wheat, 15 bushels; barley, 40 bushels; oats, 35 bushels; meadows averaged  $1\frac{1}{2}$  tons per acre; pastures are nearly up to an average in condition. There will be nearly an average yield per acre of Irish potatoes; turnips and other root crops are up to an average in condition, and the area is nearly as large as last season. Apples and blackberries will make nearly an average crop; grapes two-thirds of a crop. Farm animals are healthy and in fair condition. Cows are not doing as well as usual since the drouth set in, and the supply of milk for the Chicago market is not equal to the demand.

**KANKAKEE**—Corn is up to an average in condition, and making satisfactory growth. The crop would be benefited by rain. Oats will average 37 bushels per acre; straw is rather short, quality good; meadows averaged  $1\frac{1}{2}$  tons per acre; broom corn and sorghum cane are up to an average in condition; pastures are holding out well. There will be nearly an average yield per acre of Irish and sweet potatoes. Turnips and other root crops are up to an average in condition, and the area is some larger than last season. There will be nearly an average crop of grapes and blackberries and pears, and over three-fourths of a crop of apples. Farm animals are healthy and in good condition.

**KENDALL**—The heavy wind storm July 23 and 24, reduced the prospects for corn nearly twenty per cent. Corn up to that date promised to make an average yield per acre. Sorghum cane looks well. The corn-root worm has injured the corn in various parts of the county. There will be about 13 bushels per

acre of winter wheat; 18 bushels of rye; 13 bushels of spring wheat and thirty-seven bushels of oats. Meadows averaged about  $1\frac{1}{2}$  tons of hay per acre; pastures are not quite up to an average in condition. There will be nearly an average yield per acre of Irish and sweet potatoes; turnips and other root crops are up to an average in condition, and the area is as large as last season. There will be nearly an average crop of blackberries and plums; three-fourths of a crop of apples and pears; and over one-third of a crop of grapes.

**KNOX**—The prospects have seldom been better for a very large yield per acre of corn. In some localities there is much complaint of damage by the corn-root worm. Broom corn and sorghum cane are nearly up to an average in condition; small grain is of fair quality, the yield per acre as follows: wheat, 20 bushels; rye, 14 bushels; oats, 40 bushels; hay will average two tons per acre. Pastures are above an average in condition. Sweet potatoes look well and there will be more than an average yield per acre of Irish potatoes. Turnips and other root crops look well; the area is not as large as last season. There will be more than an average crop of blackberries; nearly an average crop of apples; three-fourths of a crop of plums, and over half a crop of grapes. Farm animals are healthy and in good condition.

**LAKE**—There has not been sufficient rain for corn until the last ten days, since which time the crop has made rapid improvement, and is now nearly up to an average in condition. Broom corn and sorghum cane are not looking as promising as corn, but will make over three-fourths of an average yield per acre. The quality of wheat and other grain is from fair to good and the yield per acre as follows: Winter wheat, 20 bushels; rye and spring wheat, 18 bushels; barley, 30 bushels; oats, 35 bushels. Meadows averaged about 1 ton of hay per acre. Pastures are not up to an average in condition, owing to the dry season. There will be nearly an average yield per acre of Irish potatoes. There will be an average crop of pears, plums, grapes and blackberries; over three-fourths of a crop of apples, and three-fourths of a crop of peaches.

**LaSALLE**—Corn is nearly up to an average in condition, and would have made a large yield but for the storm July 23, which prostrated considerable corn. The corn-root worm is doing much damage to the corn. Sorghum cane is nearly up to an average in condition. The grain crops, excepting oats, have been harvested in good condition—oats were blown down on the 23d of July—the yield per acre will average as follows: winter wheat, 19 bushels; rye, 17 bushels; spring wheat, 12 bushels; oats, 37 bushels. Hay will average  $1\frac{1}{2}$  tons per acre. Pastures are nearly up to an average in condition. There will be about an average crop of Irish and sweet potatoes. Turnips and other root crops are nearly up to an average in condition, and the area is as large as last season. There will be nearly an average crop of plums, three-fourths of a crop of apples, peaches, pears and blackberries, and nearly two-thirds of a crop of grapes.

**LAWRENCE**—There has been but little rain during the past six weeks, and corn is not up to an average in condition. Broom corn and sorghum cane look some better than corn, but will not make an average

yield per acre. The quality of wheat is fair, and the yield per acre will average 10 bushels; oats, 24 bushels. Meadows averaged about  $1\frac{1}{2}$  tons of hay per acre. Pastures are rather short. Irish and sweet potatoes will make nearly an average yield per acre. There will be an average crop of grapes, half a crop of quinces, two thirds of a crop of apples, and one-fourth of a crop of pears and blackberries. Farm animals are healthy and in good condition, except hogs, one half of which, in some localities, have died of hog cholera.

**LEE**—There will be about 16 bushels of wheat per acre, on an average, and 22 bushels of rye. Spring wheat will make about 18 bushels per acre; barley, 32 bushels per acre; oats, 40 bushels per acre. The hay crop was large, and will make about  $2\frac{1}{2}$  tons per acre. Corn and broom corn are up to an average in condition, and sorghum cane will make nearly an average yield per acre. Considerable corn and grain injured by the late rains; small grain badly lodged in places, especially oats. Castor beans look well. Tobacco will make three-fourths of an average yield per acre. Pastures are above an average in condition. There will be a good crop of sweet potatoes, and more than an average yield per acre of Irish potatoes. The area of root crops is about the same as in 1883, and the prospects are encouraging for an average yield per acre. There will be more than an average crop of blackberries. Apples are nearly up to an average in condition. Condition of pears and plums is not as good as usual.

**LIVINGSTON**—Considerable damage was done to the corn by the storm on the 26th of July, which reduced the prospects for an average yield per acre. Broom corn and sorghum cane are below an average in condition. Threshing has hardly commenced. The estimates for yield per acre of small grain are as follows: winter wheat 14 bushels, rye 21 bushels, oats 37 bushels. Hay, 2 tons per acre. Pastures are above an average in condition. Irish potatoes will make nearly an average yield per acre. Sweet potatoes promise more than three-fourths of an average yield per acre. The area of buckwheat is not as large as in 1883, and, from present prospects, there will be some more than three-fourths of an average yield per acre. Turnips and other root crops look well, and the area is nearly as large as last season. There will be more than an average yield per acre of blackberries. The condition of the fruit crop indicates from one-third to two-thirds of an average crop of apples, peaches, pears and grapes, and three-fourths of a crop of quinces.

**LOGAN**—The heavy rains and dry weather at intervals, with the unseasonable cold weather, has retarded the growth of corn, and the prospects are not good for quite an average yield per acre. Sorghum cane has made more satisfactory growth, and is nearly up to an average in condition. The harvest gives assurance of yield of small grains as follows: winter wheat, 15 bushels per acre; rye, 20; oats, 32; and hay, 2 tons per acre. In some portions of the county the oat crop has been injured by rust, and there is complaint of loss of oats by lodging. The yield per acre of oats will be less than anticipated. Pastures are in excellent condition. Sweet potatoes look well, and Irish potatoes will make more than an average yield per acre. Turnips and other root crops look well; the area is nearly as large as last season. There will be nearly an aver-



age crop of blackberries. The condition of apples and pears gives encouragement for three-fourths of an average crop.

**MACON**—The storm the last week in July prostrated the corn and reduced the prospects for an average yield per acre; where the corn was not blown down there will be more than an average yield per acre. Sorghum cane looks well. There will be about 12 bushels per acre of winter wheat and rye on the average, and 33 bushels of oats. Oats were badly lodged in places. Meadows will make  $1\frac{3}{4}$  tons of hay per acre. Pastures are above an average in condition. Sweet potatoes look well, and Irish potatoes are above an average in condition. There will be an average crop of quinces, three-fourths of a crop of apples, pears and blackberries, and less than half a crop of grapes.

**MACOUPIN**—The excessive rains during the spring and up to the middle of June were unfavorable for the growth or cultivation of corn; during the last six weeks there has been a scarcity of rain, and from the present prospects there will not be much over three-fourths of an average yield per acre. Wheat is of poor quality and will not average over 11 bushels per acre; rye 12 bushels per acre, and oats 32 bushels per acre. There will be about  $1\frac{1}{2}$  tons of hay per acre on the average. Sorghum cane is about an average in condition. Pastures are in good condition. Sweet potatoes are nearly up to an average in condition, and there will be more than an average yield per acre of Irish potatoes. Turnips and other root crops are not quite up to an average in condition; the area is as large as last season. Cattle have been affected in a portion of the county in a singular way. The first symptom is watering at the eyes, and in three or four days they are blind, refuse to eat, and in from five to ten days they die. There have been eight fatal cases in one neighborhood.

**MADISON**—Corn has generally been well worked and is in good state of cultivation; owing to lack of rains, corn is not quite up to an average in condition, and from present prospects there will not be much over three-fourths of an average yield per acre. The quality of wheat is good where not injured by the rains; the average yield per acre will be about 11 bushels; rye 20 bushels per acre and oats 30 bushels per acre. Meadows averaged about  $1\frac{3}{4}$  tons per acre. Broom corn and sorghum cane are about up to an average in condition. Tobacco looks well. Hay is of good quality and will average about  $1\frac{3}{4}$  tons per acre. Pastures are short. There will not be quite an average yield per acre of Irish and sweet potatoes. Turnips and other root crops look well, and the area is as large as in 1883. There will be nearly an average crop of blackberries, three-fourths of a crop of quinces, two-thirds of a crop of plums, less than half a crop of pears and grapes, and one-fourth of a crop of apples.

**MARION**—There is considerable complaint in some portions of the county of scarcity of rain, and that corn will hardly make an average yield per acre. Sorghum cane is in better condition than corn, but will not make an average yield per acre. Broom corn looks well. Wheat is of good quality, and will make an average yield per acre of 8 bushels; oats 30 bushels. Meadows averaged about  $1\frac{1}{4}$  tons per acre. Pastures are short. There will be nearly an average yield per acre of Irish and sweet potatoes.

Turnips and other root crops are above an average in condition, and the area is nearly as large as last season. Prospects are good for an average crop of quinces and grapes, nearly an average crop of pears, half a crop of apples, and nearly half a crop of plums.

**MARSHALL**—Corn is generally in good state of cultivation, and with favorable season will make about an average yield per acre. The season has been rather too cold and wet for corn. Sorghum cane is nearly up to an average in condition. The hail storm on July 24 injured the corn and small grain. Winter wheat will average 18 bushels per acre; rye, 15 bushels; spring wheat 20 bushels, and oats 42 bushels. The early cut hay was saved in good condition; the rains damaged the late cut hay. In some localities the oats were damaged by the rust. Meadows averaged about  $1\frac{3}{4}$  tons per acre of hay. Pastures are in excellent condition. Sweet potatoes look well, and Irish potatoes are above an average in condition. Turnips and other root crops look well, and the area is larger than last season. There will be more than an average crop of blackberries, an average crop of quinces, three-fourths of a crop of apples and pears, and about half a crop of plums and grapes.

**MASON**—Corn on drained land, where cultivated, is about an average in condition and with favorable season there will be nearly an average yield per acre for the county. Sorghum cane is up to an average in condition. The quality of wheat is good. The average yield per acre of small grain is as follows: wheat, 16 bushels; rye, 13 bushels; spring wheat, 10 bushels; oats, 23 bushels. Hay will average about  $1\frac{1}{2}$  tons per acre. Pastures are above an average in condition. There will be an average yield per acre of Irish and sweet potatoes. Turnips and other root crops look well, and the area is nearly as large as in 1883. Blackberries will make nearly an average crop; apples and grapes over three-fourths of a crop; pears and plums about three-fourths of a crop.

**MASSACHUSETTS**—The late rains have done the corn much good, and with favorable season until harvest there will be over three-fourths of an average yield per acre. Broom corn and sorghum cane are in about the same condition as corn. Wheat is of good quality where not injured by rain, and will average 12 bushels per acre; rye, 8 bushels per acre; oats, 23 bushels per acre. Meadows will average about  $1\frac{1}{4}$  tons of hay per acre. Tobacco looks well. Pastures are above an average in condition. There will be nearly an average crop of Irish and sweet potatoes. Turnips and other root crops look well, and the area is nearly as large as last season. There will be about three-fourths of a crop of plums, grapes and blackberries; less than half a crop of apples and a few peaches.

**MCDONOUGH**—The dry weather has affected the corn, and from present prospects there will not be much over three-fourths of an average yield per acre. Winter wheat is of good quality, and the yield will average 18 bushels per acre. Rye will make 20 bushels; oats, 35 bushels. Meadows averaged about two tons per acre of hay, which was saved in good condition. Sorghum cane will make an average yield per acre. Pastures look well. There will be an average crop of sweet potatoes, and a large crop of Irish potatoes. Turnips and other



root crops are up to an average in condition, and the area is as large as last season. There will be but few apples and grapes, but a fair crop of blackberries. Farm animals are healthy and in good condition.

**McHENRY**—Prospects have seldom been more encouraging for a large crop of corn. Broom corn and sorghum cane are up to an average in condition. The yield per acre of small grain is above an average. There will be about 26 bushels per acre of winter wheat, 25 bushels of rye, spring wheat 18, barley 29, oats 42. Hay was secured in good condition, and there will be nearly two tons per acre. Pastures are nearly up to an average in condition. Irish and sweet potatoes look well. Buckwheat is up to an average in condition, and the area is some larger than in 1883. Turnips and other root crops look well, and the area is as large as in 1883. There will be more than an average yield per acre of blackberries. Apples are nearly up to an average in condition.

**McLEAN**—Corn is nearly up to an average in condition; the corn on tiled land has seldom promised a larger average yield per acre at corresponding date than this season. Sorghum cane looks well, and broom corn is nearly up to an average in condition. The harvest gives encouragement for small grain as follows: winter wheat, 16 bushels per acre; rye 14, spring wheat 11, oats 34. There will be about  $1\frac{3}{4}$  tons of hay per acre. Pastures are above an average in condition. Prospects are encouraging for more than an average yield per acre of Irish and sweet potatoes. Buckwheat looks well and the area is as large as in 1883. The area of root crops is larger than last season and from present prospects there will be an average yield per acre. Plums, quinces and blackberries will make an average crop; apples and pears three-fourths of a crop. The heavy rains during the past two weeks have damaged the small grain not in stack, and seriously injured much of the abundant crop of hay.

**MENARD**—The cool, dry weather has not been favorable for corn, and unless there is considerable improvement the yield per acre will be below an average. Broom corn and sorghum cane will make an average yield per acre. The quality of small grain is good and the yield per acre as follows: wheat 13 bushels, rye 17 bushels, oats 37 bushels. The hay will average about 2 tons per acre. Tobacco looks well. Pastures are above an average in condition. Sweet potatoes are nearly up to an average in condition, and Irish potatoes will make more than an average yield per acre. Turnips and other root crops look well and the area is as large as last season. Blackberries will make an average crop; apples nearly three-fourths of a crop; pears and grapes two-thirds of a crop. Farm animals generally healthy and in good condition.

**MERCER**—The prospect has seldom been better for a large crop of corn than this season. In some localities there is complaint of damage by the corn-root worm. Broom corn will make over three-fourths of an average yield per acre. Sorghum cane is nearly up to an average in condition. Rye will make 15 bushels per acre on an average; oats 40 bushels; in some localities the oats are badly lodged. Hay will average  $1\frac{1}{4}$  tons per acre. Pastures are nearly up to an average in condition. Sweet potatoes look well and there will be an average yield per acre of Irish potatoes. Turnips and other root crops will make an

average yield per acre and the area is as large as last season. There will be more than an average crop of blackberries; three-fourths of a crop of plums; two-thirds of a crop of apples and half a crop of grapes.

**MONROE**—The late rains have improved the condition of corn and with continued favorable season there will be nearly an average yield per acre; the same may be said of broom corn and sorghum cane. The average yield per acre of winter wheat and rye is about 20 bushels; barley 35 bushels per acre; oats 30 bushels. Meadows will average about  $1\frac{1}{4}$  tons per acre. Pastures are above an average in condition. There will be nearly an average yield per acre of Irish and sweet potatoes. Turnips and other root crops promise a large yield per acre and the area is larger than last season. There will be nearly an average crop of apples, grapes, blackberries and quinces, and three-fourths of a crop of pears and plums.

**MONTGOMERY**—The growth of corn has been retarded by the cold, wet season and from present prospects there will not be much over three-fourths of an average yield per acre; the stalks are rather short, but where well cultivated the ears are large and with favorable season will be well filled. Broom corn and sorghum cane will make over three-fourths of an average yield per acre. Much of the wheat coming to market is damp, the quality medium and the yield per acre about 11 bushels; rye 12 bushels per acre; oats 27 bushels, quality rather inferior. Meadows will make about  $1\frac{1}{4}$  tons per acre on an average. Pastures are above an average in condition. Sweet potatoes are nearly up to an average in condition; there will be an average yield per acre of Irish potatoes. The area of turnips and other root crops is as large as last season and from present prospects there will be nearly an average yield per acre. There will be over three-fourths of a crop of grapes and blackberries; two-thirds of a crop of plums, and over half a crop of apples.

**MORGAN**—Corn is nearly up to an average in condition, and in portions of the county, where the rains have been abundant, corn will make more than an average yield per acre. Broom corn and sorghum cane will make an average yield per acre. Winter wheat will average about 13 bushels per acre, rye 20 bushels and oats 33 bushels per acre. Meadows will average about  $1\frac{1}{4}$  tons per acre. Pastures are above an average in condition. Sweet potatoes look well and Irish potatoes are above an average in condition. There will be nearly an average crop of blackberries and plums; three-fourths of a crop of pears, grapes and quinces and two-thirds of a crop of apples.

**MOULTRIE**—Corn was seriously damaged in localities by the storm July 23, which broke the corn down. In other portions of the county there will be nearly an average yield per acre. Sorghum cane is nearly up to an average in condition. Broom corn looks well. Quality of wheat is good and there will be about 11 bushels per acre on an average; 12 of rye and 31 of oats. Meadows averaged about  $1\frac{1}{4}$  tons per acre. Pastures are above an average in condition. There will be a large crop of Irish and sweet potatoes. Turnips and other root crops are up to an average in condition, and the area is as large as last season. There will be over three-fourths of a crop

of plums, grapes and blackberries; three-fourths of a crop of pears and half a crop of apples. Farm animals are healthy and in good condition.

**OGLE**—Corn in localities was badly blown down by the storm July 23, and will hardly make an average yield per acre. Broom corn will make over three-fourths of an average yield per acre. Sorghum cane is nearly up to an average in condition. The grain crop is of good quality and the yield per acre as follows: winter wheat 22 bushels; rye 24 bushels; spring wheat 13 bushels; oats 34 bushels. Meadows averaged about  $2\frac{1}{4}$  tons per acre. Hemp looks well; the area is not as large as last season. Pastures are above an average in condition. Sweet potatoes look well. Irish potatoes are above an average in condition. Turnips and other root crops are up to an average in condition, and the area is some larger than in 1883. The apple crop will be large, and there will be nearly an average crop of plums and blackberries and over three-fourths of a crop of grapes. Farm animals are healthy and in good condition.

**PEORIA**—Corn has been needing rain until the last two weeks, since which time this crop has made rapid growth and is now nearly up to an average in condition. Sorghum cane looks well. Broom corn is not quite up to an average in condition. The yield per acre of small grain is estimated as follows: winter wheat 19 bushels; rye 18 bushels; oats 42 bushels. The hay crop will average  $1\frac{1}{4}$  tons per acre. Pastures are improving and are nearly up to an average in condition. There will be more than an average yield per acre of Irish and sweet potatoes. Buckwheat looks well and the area is larger than last season. Turnips and other root crops are above an average in condition, the area is about the same as in 1883. There will be more than an average crop of blackberries. Apples are nearly up to an average in condition. There will be about half a crop of pears and grapes, and three-fourths of a crop of plums.

**PERRY**—The want of rain has reduced the prospects for corn; the condition does not give encouragement for much over three-fourths of an average yield per acre. Broom corn and sorghum cane are in about the same condition as corn. Cotton and castor beans are nearly up to an average in condition. Tobacco promises an average yield per acre. Pastures are nearly up to an average in condition. There will be more than an average yield per acre of Irish potatoes, and nearly an average yield per acre of sweet potatoes. Turnips and other root crops look well, the area is not quite as large as in 1883. There will be three-fourths of an average yield per acre of grapes; half a crop of pears and blackberries, and one-third of a crop of apples.

**PIATT**—Corn on drained land is above an average in condition, and where well cultivated there will be more than an average yield per acre. Broom corn and sorghum cane will make an average yield per acre; The quality of grain has been damaged by wet weather, and the yield per acre will average as follows: winter wheat 18 bushels; rye 15 bushels; oats 30 bushels. Meadows averaged about  $1\frac{1}{2}$  tons hay per acre; quality damaged by the frequent rains. Pastures are above an average in condition. There will be an average yield per acre of Irish and sweet potatoes. Turnips and other root crops look well and the area is as large as last season. There will

be nearly an average crop of blackberries, over three-fourths of a crop of apples, grapes and quinces; nearly two-thirds of a crop of pears and one-third of a crop of plums.

**PIKE**—Corn is in a good state of cultivation and the prospects are encouraging for more than an average yield per acre. Sorghum cane is up to an average in condition. The quality of grain is inferior and there is much complaint of rusty and shriveled wheat. The average yield per acre will be as follows: wheat, 18 bushels; oats, 42 bushels. Meadows averaged about  $1\frac{1}{2}$  tons of hay per acre. Pastures are above an average in condition. There will be an average crop of sweet potatoes, and a very large yield of Irish potatoes. Turnips and other root crops look well; the area is less than last season. The plum and blackberry crop will be large, apples two-thirds of a crop, and grapes over half a crop. Farm animals are healthy and in fair condition.

**POPE**—The cool wet season has been unfavorable for the growth or cultivation of corn, and the prospects are not encouraging for more than three-fourths of an average yield per acre. The same may be said of sorghum cane. Wheat moulded in the shock in portions of the county, injuring the quality; the yield will average about 10 bushels per acre: oats, 25 bushels per acre. The hay crop will average about  $1\frac{1}{4}$  tons per acre. Pastures are up to an average in condition. There will be over three-fourths of an average yield per acre of sweet potatoes, and nearly an average crop of Irish potatoes. The area of turnips and other root crops is as large as last season. Prospects are good for three-fourths of a crop of grapes, about two-thirds of a crop of apples, pears and blackberries.

**PULASKI**—Corn promises more than an average yield per acre. Same may be said of broom corn and sorghum cane. The excess of rains on the flat, undrained land has caused the corn to fire. The continued wet weather has damaged the wheat, and there is complaint that much of the wheat put on the market is damp. The yield per acre of grain is as follows: wheat, 13 bushels; rye, 15 bushels; oats, 29 bushels. Hay will average about 2 tons per acre. Pastures are above an average in condition. Castor beans look well. Tobacco will make a large crop. Irish potatoes are nearly up to an average in condition, and sweet potatoes will make more than an average yield per acre. Turnips and other root crops look well, and the area is about as large as in 1883. There will be over three-fourths of a crop of grapes and blackberries, one-third of a crop of apples and pears, and a few plums.

**PUTNAM**—Corn is making rapid growth, and, with favorable weather until harvest, will make an average yield per acre. Sorghum cane is not quite up to an average in condition. The root worm has damaged the corn more than usual this season, and in some localities the corn has been blown down badly. The quality of small grain is good; spring wheat will make an average of 22 bushels per acre, and oats 45 bushels per acre. The hay crop will average  $1\frac{1}{4}$  tons per acre. Pastures are above an average in condition. Sweet potatoes look well. Irish potatoes will make more than an average yield per acre. Turnips and other root crops look well; the area is as large as last season. There will be more than an average crop of blackberries.



**RANDOLPH**—Corn is needing rain; crop has been well cultivated, and, with sufficient rains, there will be nearly an average yield per acre; the same may be said of broom corn and sorghum cane. The quality of grain is fair and the average yield per acre as follows: wheat, 13 bushels; rye, 20 bushels; oats, 35 bushels. Hay will average 1½ tons per acre. Tobacco looks well. Castor beans will not make over half an average yield per acre. Pastures are up to an average in condition. There will be nearly an average yield per acre of Irish and sweet potatoes. Turnips and other root crops look well, and the area is as large as last season. There will be two-thirds of a crop of grapes, and over half a crop of pears, plums, quinces and blackberries, and one-third of a crop of apples.

**RICHLAND**—The drouth has reduced the prospects for corn and the condition of the crop does not give encouragement for much over half an average yield per acre. Sorghum cane will make nearly two-thirds of an average yield per acre. Only the most promising fields of winter wheat were harvested—the crop will not average more than 6 bushels per acre. Rye 8 bushels. Barley 19. Oats 33. Hay will average about 1½ tons per acre. Flax will make about 10 bushels per acre. Tobacco will make nearly three-fourths of an average yield per acre. Pastures are short. The late rains will improve the condition of pastures. There will be about three-fourths of an average yield per acre of Irish and sweet potatoes. Buckwheat will not make more than half an average yield per acre. The area of buckwheat is as large as last season.

**ROCK ISLAND**—Corn is nearly up to an average in condition and with favorable season will make about an average crop. The yield per acre will average as follows: Rye 15 bushels. Spring wheat 19 bushels. Oats 37 bushels. Hay will average about 1½ tons per acre. Sorghum cane is nearly up to an average in condition. Pastures are in better condition than usual. Sweet potatoes look well, and Irish potatoes are above an average in condition. Turnips and other root crops look well and the area is as large as in 1883. There will be a large crop of blackberries—two-thirds of a crop of plums, and over half a crop of apples and grapes.

**SALINE**—Corn has been needing rain until late and from present prospects will not make much over three-fourths of an average yield per acre. The same may be said of broom corn and sorghum cane. Wheat has been damaged in shock by the rains since harvest. The average yield per acre of small grain will be as follows: Wheat 9 bushels. Rye 8 bushels. Oats 37 bushels. Hay will average about 1½ tons per acre. Tobacco is above an average in condition. Pastures look well. Irish potatoes are above an average in condition. Sweet potatoes promise a large yield per acre. The area of turnips and other root crops is as large as last season and the prospects are encouraging for an average yield per acre. There will be nearly an average crop of pears and over three-fourths of a crop of apples and grapes, and nearly three-fourths of a crop of plums.

**SANGAMON**—The prospects are encouraging for an average yield of corn per acre for the county. Fields of poor corn are the exception and the number of pieces of extra good corn are proportionately

large. Broom corn and sorghum cane will make about an average yield per acre. Wheat in some portions of the county is of superior quality. The yield per acre of the crops harvested will be as follows: Winter wheat 14 bushels. Rye 13 bushels. Oats 37 bushels. Hay crop was large and was generally saved in good condition—will average about 2 tons per acre. Tobacco is up to an average in condition. Pastures are in fine order. Sweet potatoes look well and there will be a very large yield per acre of Irish potatoes. Turnips and other root crops are up to an average in condition and the area is larger than last season. There was more than an average crop of blackberries; nearly an average crop of pears and about three-fourths of a crop of apples, plums and grapes.

**SCHUYLER**—The season has been rather cool for the rapid growth of corn, but with favorable season until harvest there will be nearly an average yield per acre. Broom corn looks well, and sorghum cane is nearly up to an average in condition. Quality of wheat is fair; there is much complaint of scab on wheat. The yield per acre of small grains will be as follows: Wheat, 17 bushels; rye, 16 bushels; oats, 43 bushels. Hay will average about 2½ tons per acre. Pastures are above an average in condition. Irish potatoes look well, and there will be nearly an average yield per acre of sweet potatoes. The area of turnips and other root crops is not as large as last season; the condition is up to an average. Blackberries made an average crop, and there will be nearly an average crop of apples and pears, two-thirds of a crop of grapes, and over half a crop of plums.

**SCOTT**—The prospects have seldom been better for a large yield per acre of corn, and only a favorable season for maturing is necessary to ensure an unusually large average yield per acre. Sorghum cane is up to an average in condition. The quality of wheat is below the average, and the yield per acre about 15 bushels; rye, 15 bushels; oats, 40 bushels. Hay will average two tons per acre. Pastures are above an average in condition. Sweet potatoes look well, and Irish potatoes will make more than an average yield per acre. The area of root crops is not as large as last season; these crops are up to an average in condition. There will be an average crop of plums, grapes and blackberries, three-fourths of a crop of apples and quinces, and two-thirds of a crop of pears.

**SHELBY**—The excessive rains early in the season were followed by dry weather, and these unfavorable conditions for corn have reduced the prospects for much over three-fourths of an average yield per acre. Broom corn and sorghum cane are nearly up to an average in condition. The quality of grain is only medium; the yield per acre is as follows: wheat, 12 bushels; rye, 13 bushels; oats, 41 bushels. The hay crop will average about two tons per acre. Crops have been damaged by the rains during and since harvest. Tobacco looks well. Pastures are nearly up to an average in condition. Sweet potatoes look well, and Irish potatoes will make nearly an average yield per acre. Turnips and other root crops are above an average in condition, and the area is larger than last season. There will be an average crop of quinces, three-fourths of a crop of grapes and blackberries, two-thirds of a crop of apples and plums, and over half a crop of pears.



**STARK**—The prospects are encouraging for more than an average yield per acre of corn. In some localities there is considerable complaint of damage to corn by the corn-root worm. Broom corn and sorghum cane are up to an average in condition. Crops have been harvested in fair condition except oats, which were injured some by wet weather. There will be about 15 bushels per acre of spring and winter wheat, 19 bushels of rye, 10 bushels of barley, and 42 bushels of oats. Hay averaged about two tons per acre. Pastures are above an average in condition. There will be more than an average yield per acre of Irish and sweet potatoes. Turnips and other root crops look well, and the area is some larger than last season. There will be more than an average crop of blackberries, nearly an average crop of apples, and about three-fourths of a crop of plums and grapes.

**ST. CLAIR**—There will be about three-fourths of an average yield per acre of corn; this crop was injured by the drouth. Sorghum cane looks well. There is considerable cheat and shrivelled wheat, making the quality of the crop from medium to good; the yield per acre will be as follows: wheat, 13 bushels; oats, 37 bushels. Meadows averaged about 2½ tons per acre. Pastures are nearly up to an average in condition. Sweet potatoes look well, and Irish potatoes will make more than three-fourths of an average yield per acre. Turnips and other root crops look well, and the area is as large as last season. There will be nearly three-fourths of an average crop of blackberries, over half a crop of grapes, nearly half a crop of pears, and one-third of a crop of apples.

**STEPHENSON**—Corn is up to an average in condition, and making very satisfactory growth. Broom corn is nearly up to an average in condition. Sorghum cane looks well. The quality of wheat, etc., is up to an average; the yield per acre is as follows: winter wheat, 20 bushels; rye, 23 bushels; spring wheat, 17 bushels; barley, 28 bushels; oats, 38 bushels. Meadows will average two tons of hay per acre. Tobacco will make more than an average yield per acre. Pastures are in excellent condition. There will be an average yield per acre of Irish and sweet potatoes. Turnips and other root crops look well, and the area is as large as last season. There will be an average crop of blackberries, three-fourths of a crop of apples, two-thirds of a crop of grapes, and more than half a crop of plums.

**TAZEWELL**—The prospects are encouraging for more than an average yield of corn per acre. The late rains have assured a good crop if the growing season is not cut short by severe early frost. There will be an average of 14 bushels of wheat per acre, 9 bushels of rye, and 33 bushels of oats. The hay crop will average 1¾ tons per acre. Pastures are above an average in condition. Irish and sweet potatoes will make about an average yield per acre. Turnips and other root crops look well; the area is not quite as large as last season. There will be nearly an average crop of blackberries, about three-fourths of a crop of apples, two-thirds of a crop of grapes, half a crop of pears, and a few plums. Farm animals are healthy, and in good seasonable condition.

**UNION**—Corn is doing well, and with favorable season will make more than an average yield per acre. Broom corn and sorghum cane are up to an aver-

age in condition. The quality and yield per acre of small grains compare favorably with previous years. Winter wheat will average 14 bushels, rye 15 bushels, oats 31 bushels. Meadows average two tons of hay per acre. Tobacco is up to an average in condition. There will be an average crop of Irish and sweet potatoes. Root crops look well, and the area is as large as last season. There will be about two-thirds of a crop of plums, grapes and blackberries, nearly an average crop of quinces, and half a crop of apples and pears. Farm animals are doing well.

**VERMILION**—Corn is nearly up to an average in condition; there has been rather too much rain of late for corn. Sorghum cane looks well. There will be about 13 bushels per acre of winter wheat, 20 bushels of rye, and 37 bushels of oats. Meadows averaged 1½ tons of hay per acre. Flax averaged 10 bushels per acre. Pastures have seldom been in better condition at this season. There will be an unusually large average yield per acre of Irish and sweet potatoes. Turnips and other root crops look well, and the area is as large as last season. There will be an average crop of blackberries, three-fourths of a crop of apples and grapes, nearly half a crop of pears, one-fourth of a crop of plums, and a few peaches.

**WABASH**—Corn has suffered for want of rain, and, from present prospects, will not make three-fourths of an average yield per acre. The same may be said of broom corn and sorghum cane. Wheat is of good quality, and will average 12 bushels per acre. Oats will make 29 bushels per acre. The quality of hay is excellent, and the yield per acre will average 1¾ tons. Pastures are short. There will be nearly an average crop of Irish and sweet potatoes. The area of turnips and other root crops is one-fourth less than last season, and, from present prospects, there will not be over two-thirds of an average yield per acre. There will be about three-fourths of a crop of grapes and quinces, nearly two-thirds of a crop of pears and plums, and nearly half a crop of apples and blackberries.

**WARREN**—Corn is in good condition, and, from present prospects, will make more than an average yield per acre. In some localities the corn-root worm is doing corn considerable damage on land where corn has been grown successively for a term of years. Broom corn and sorghum cane will make an average yield per acre. The windstorm lodged oats badly in some localities. The yield per acre will average as follows: winter wheat, 15 bushels; rye, 18 bushels; spring wheat, 15 bushels; oats, 45 bushels. Meadows averaged about 2 tons of hay per acre. Tobacco is above an average in condition. Pastures have seldom been better at this season. There will be more than an average yield per acre of Irish and sweet potatoes. Turnips and other root crops are above an average in condition; the area is not quite as large as last season. There will be more than an average crop of quinces, an average crop of apples and plums, and over three-fourths of a crop of grapes.

**WASHINGTON**—There will not be three-fourths of an average yield per acre of corn, owing to the drouth, which has been quite severe. There will be half an average yield per acre of broom corn, and three-fourths of a crop of sorghum cane. The quality of wheat is good; the yield per

acre 9 bushels. Rye will make 13 bushels per acre; oats, 27 bushels. Meadows averaged about  $1\frac{1}{2}$  tons of hay per acre. There will be about three-fourths of an average yield per acre of tobacco. Pastures are short. There will be nearly an average yield per acre of Irish potatoes, and three-fourths of an average yield of sweet potatoes. Turnips and other root crops look well, and the area is as large as last season. There will be over three-fourths of a crop of plums, grapes and blackberries, nearly three-fourths of a crop of pears, and over half a crop of apples. Farm animals are healthy, but rather thin in flesh, owing to short pastures.

WAYNE—Corn has been well cultivated, but the cool, dry season has been unfavorable, and the prospects are not encouraging for more than two-thirds of an average yield per acre. Broom corn will not make half a crop, and sorghum cane will not make three-fourths of an average yield per acre. The quality of wheat is good; the yield per acre will average about 10 bushels. Rye will average 7 bushels, and oats 30 bushels. Meadows averaged  $1\frac{1}{2}$  tons per acre. Tobacco is nearly up to an average in condition. There will be over three-fourths of an average yield per acre of Irish and sweet potatoes. The area of turnips and other root crops is larger than last season; prospects indicate three-fourths of an average yield per acre. There will be three-fourths of a crop of grapes, two-thirds of a crop of plums, over half a crop of apples, nearly half a crop of pears, and one-third of a crop of blackberries.

WHITE—Corn is in a good state of cultivation, but is needing rain; the drouth has reduced the prospects for an average yield per acre nearly one-fourth. The same may be said of broom corn and sorghum cane. There will be about 13 bushels per acre of wheat; rye, 12 bushels; oats, 31 bushels. Hay will average  $1\frac{1}{2}$  tons per acre. Tobacco will make nearly an average yield per acre. There will be about one-third less than an average yield per acre of castor beans. Irish potatoes look well, and sweet potatoes are nearly up to an average in condition. The area of turnips and other root crops is less than last season, and there will not be an average yield per acre. There will be over three-fourths of a crop of grapes, nearly half a crop of apples, one-third of a crop of pears and plums, and one-fourth of a crop of blackberries and quinces.

WHITESIDE—The corn has been injured by the corn-root worm, which has made the stalk weak and easily broken by the storms; the prospects are not encouraging for more than three-fourths of an average yield per acre. Broom corn and sorghum cane are up to an average in condition. Meadows averaged about 2 tons of hay per acre. Pastures are above an average in condition. Oats have been badly lodged by the storms. There will be over three-fourths of an average yield per acre of Irish and sweet potatoes. Turnips and other root crops look well, and the area is larger than last season. There will be an average crop of blackberries, half a crop of apples, and one-fourth of a crop of pears, plums and grapes.

WILL—Corn is in good state of cultivation, and from present prospects there will be an average yield per acre. Broom corn and sorghum cane are up to an average in

condition. The yield per acre of small grain will average as follows: winter wheat, 20 bushels; rye, 17 bushels; oats, 33 bushels. Meadows will average about one ton of hay per acre. Pastures are nearly up to an average in condition. There will be about an average yield per acre of Irish and sweet potatoes. Turnips and root crops look well, and the area is as large as last season. The blackberry crop is larger than usual. Plums and grapes will make three-fourths of an average crop; apples and pears over three-fourths of a crop.

WILLIAMSON—The excess of rain in May, and in localities in June, was followed by a scarcity of rain in portions of the county in July, and has not been favorable for corn, which from present prospects will not make much over an average yield per acre. The same may be said of sorghum cane. Wheat is of medium quality, and the yield per acre will average nine bushels. Oats will average thirty bushels per acre. Meadows averaged  $1\frac{1}{4}$  tons per acre; the hay was generally saved in good condition. Tobacco is nearly up to an average in condition. Castor beans will make about half an average yield per acre. Pastures have about recovered from the drouth. Sweet potatoes look well, and Irish potatoes will make more than an average yield per acre. Root crops are up to an average in condition, and the area is as large as in 1883. There will be nearly three-fourths of a crop of pears, two-thirds of a crop of grapes; half a crop of apples, and one-third of a crop of plums.

WINNEBAGO—The prospects have seldom been more encouraging for a large yield per acre of corn than this season; the corn-root worm has injured corn in localities where the land has been used for corn for a term of years. Sorghum cane is also above an average in condition. Winter wheat will average 20 bushels per acre, rye 18 bushels, spring wheat 17 bushels, barley 29 bushels, oats 41 bushels; in some portions of the county oats were badly lodged by the storms just before harvest. The yield per acre of hay will average about 2 tons per acre; considerable hay was damaged by the frequent rains during harvest. Tobacco is up to an average in condition. Pastures are better than usual at this season. There will be a large crop of Irish and sweet potatoes. Turnips and other root crops look well and the area is nearly as large as last season. There will be more than an average crop of blackberries; nearly two-thirds of a crop of apples and plums and half a crop of grapes.

WOODFORD—The prospects are encouraging for more than an average yield per acre of corn; the windstorms the past three weeks have reduced the prospects somewhat for corn. Broom corn and sorghum cane are up to an average in condition. Oats are blown down in some portions of the county, and will not average more than 32 bushels per acre. Meadows averaged about  $1\frac{1}{4}$  tons per acre. Pastures are in fine order. There will be an unusually large average yield per acre of Irish and sweet potatoes. Turnips and other root crops are above an average in condition; the area is as large as last season. There will be about an average crop of peaches and blackberries, and two-thirds of a crop of apples, plums and grapes. Farm animals are in good condition and there are no complaints of disease.

# APPENDIX.

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## AGRICULTURAL STATISTICS.

### *As Returned by Assessors.*

The following tables give the aggregates of the returns of agricultural statistics of the State as reported by assessors for the last seven years, and while there is still a very large area of the best farming lands in the State not included in the returns, it will not be difficult to approximate the total area of the various crops for each of the years named by applying the same per cent of area to the acreage not reported as is occupied by the crops on the lands included in the returns of assessors.

A careful examination of the returns for some counties shows omissions on the part of assessors in the area or yield of different crops, that without an explanation would make the yield per acre much above or below an average, owing to the failure of assessors to report, in such cases, the correct area or yield.

### AREA OF CROPS.

The table given elsewhere shows the area of the several crops grown in this State the past seven years, as returned by assessors.

The returns of agricultural statistics, while far from being accurate, are much more complete than heretofore.

The increasing interest evinced, from year to year, by all concerned in the collection of agricultural statistics, gives assurance that at no distant date these returns will be approximately correct.

### ANIMAL AND CROP PRODUCTS.

The following table gives the extent of the crops grown in this State, as well as the animal products for each of the preceding seven years, as returned by the assessors.

It is to be regretted that the returns are not complete, as unfavorable comparisons are frequently made by parties not familiar with the fact, that in some cases one-fourth or more of the crops produced in the State are not included in the schedules of assessors.

The crops named in the table indicate the great diversity of the farming operations carried on in this State.



It will be seen that nearly all the crops grown in the United States receive more or less attention, and with complete statistics, the average yield per acre of the leading crops grown in this State, will compare most favorably with the yields obtained in other sections of this country.

The returns of the area of the crops of 1883 are more complete than heretofore, and give encouragement for the hope that the value of such statistics is becoming more thoroughly appreciated by the general public, and that in the near future the agricultural statistics of the State will more nearly represent the extent of area, and the annual production of the crops.

#### RELATIVE VALUE CROPS AND ANIMAL PRODUCTS.

The table on page 75 of this report gives by percentage the relative value of the crops of the State for a term of years.

In 1883 the value of the animal products was over one-fourth (27%) of the total value of the crop and animal products of the State.

Corn, wheat, oats and hay in value amounted in 1883 to nearly sixty per cent. of the total crop and animal products of the State.

The value of corn decreased from 39 per cent. of the total crop, and stock products of the State in 1879 to 27 per cent. in 1883.

The proportionate value of winter wheat in 1883 of 17 per cent. is less than the average relative value this crop has sustained to the crop and animal products of the State during the past seven years.

The relative value of the oat crop has increased from 4 per cent. in 1879 to 11 per cent. in 1883.

The value of rye is not quite one per cent. of the aggregate value of the crop and animal products of the State, while the annual value of neither of the following crops will make one per cent. of the total annual value of the grain and meat crops, viz: Barley, buckwheat, castor beans, field beans, peas, sweet potatoes, tobacco, broom corn, cotton, flax fibre, sorgho, apples or other fruits.

The 1883 hay crop in value amounted to over twelve per cent. of the annual value of the proceeds of the farm.

The value of the animal products in 1883 each bear the following relative proportion to the aggregate returns from the crop and stock products of the State, viz: Fat hogs, 13 per cent.; fat cattle, 8 per cent.; butter and milk, each a little over 2 per cent. The value of beef and dairy products amount to nearly 14 per cent.

The increase in the relative value of pork products of late years exceeds that of other animal products.

## ACREAGE, AS RETURNED BY ASSESSORS—1878-1883.

Farm Crops, etc.	1878.	1879.	1880.	1881.	1882.	1883.
Corn .....	6,649,226	7,592,152	7,258,897	6,586,201	7,296,230	7,132,762
Winter wheat .....	1,806,651	2,427,481	3,117,379	2,658,531	2,710,034	2,876,432
Spring wheat .....	221,795	274,899	179,024	83,490	93,642	44,091
Oats .....	1,536,904	1,703,843	1,866,337	1,759,772	2,449,840	2,722,432
Apple orchard .....	244,547	281,030	279,569	251,034	285,120	298,130
Peach orchard .....	13,299	5,912	8,412	6,143	7,560	9,770
Pear orchard .....	834	641	1,001	911	1,002	483
Vineyards .....	5,178	2,899	4,340	3,665	3,235	3,500
Timothy meadow .....	1,520,889	1,647,443	1,725,579	1,586,868	1,837,121	2,090,719
Clover meadow .....	122,958	174,461	164,810	218,008	295,133	340,978
Prairie meadow .....	385,868	442,046	425,694	313,791	449,573	455,738
Hungarian and millet .....	10,241	13,995	35,212	27,311	46,468	25,784
Rye .....	233,191	166,915	163,391	173,320	357,095	270,961
Barley .....	26,164	43,227	42,688	31,240	84,772	26,849
Buckwheat .....	16,060	10,786	6,681	3,641	2,469	3,491
Castor beans .....	361	3,084	500	75	2,098	433
Beans .....	1,669	2,674	1,388	1,011	983	1,091
Peas .....	537	779	542	411	550	562
Irish potatoes .....	81,460	92,439	92,342	72,011	106,439	116,004
Sweet potatoes .....	1,729	1,423	3,382	1,811	2,785	2,696
Tobacco .....	3,883	3,079	4,091	3,811	3,789	3,092
Broom corn .....	18,248	17,664	18,652	17,811	43,036	33,922
Hemp (fibre) .....	448	188	199	11	39	26
Cotton (lint) .....	2,484	44	131	19	28	6
Flax (fibre) .....	96,179	174,927	169,368	119,481	93,240	29,338
Sorgho .....	14,638	17,883	9,825	8,201	13,757	14,023
Turnip and other root crops .....	3,775	3,139	2,300	3,011	3,809	4,361
Other fruits and berries .....	3,559	3,111	7,803	7,611	5,881	4,583
Other crops not named above .....	20,813	29,639	18,004	17,411	46,860	19,793
Pasture .....	3,800,211	4,246,713	4,438,232	3,857,411	4,688,099	4,663,217
Woodland .....	3,771,015	3,708,567	3,504,058	3,125,229	3,414,717	3,575,445
Uncultivated land .....	2,300,200	2,330,228	2,070,844	2,004,491	1,856,323	1,928,250
Area city and town real estate (not included above) .....	254,111	272,127	215,820	213,711	280,426	476,870
Acres not reported .....	11,333,677	8,770,006	8,675,889	11,323,311	8,079,291	7,335,622
Total number of acres in State .....	34,511,444	34,511,444	34,511,444	34,511,444	34,511,444	34,511,444

## Annual Productions—Crops, Stock, etc.

Farm Crops, etc.	No. bushels produced 1879.	No. bushels produced 1880.	No. bushels produced 1881.	No. bushels produced 1882.	No. bushels produced 1883.
Corn.....	274,101,628	240,949,582	164,973,728	160,203,107	139,880,568
Winter wheat.....	43,663,284	39,671,823	21,137,114	39,810,289	24,001,837
Spring wheat.....	2,725,490	1,587,228	474,441	566,949	540,973
Oats.....	61,665,473	63,366,303	55,583,493	69,894,023	73,885,306
Apple orchard.....	5,958,690	10,342,186	2,659,527	6,557,128	6,501,815
Peach orchard.....	25,749	398,970	96,507	319,911	204,621
Pear orchard.....	6,134	35,714	14,135	9,964	6,805
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Vineyards.....	No. gallons wine made.	No. gallons wine made.	No. gallons wine made.	No. gallons wine made.	No. gallons wine made.
	326,323	530,990	129,839	96,282	512,952
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Timothy meadow.....	No. tons produced.	No. tons produced.	No. tons produced.	No. tons produced.	No. tons produced.
	1,637,525	2,067,320	1,944,237	2,191,805	2,601,538
Clover meadow.....	215,677	194,048	262,464	273,846	191,841
Prairie meadow.....	483,064	484,188	469,743	446,050	408,072
Hungarian and millet.....	25,764	49,023	39,077	28,078	38,871
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Rye.....	No. bushels produced.	No. bushels produced.	No. bushels produced.	No. bushels produced.	No. bushels produced.
	2,648,893	2,557,426	2,466,958	3,339,410	2,607,642
Barley.....	980,250	841,188	539,308	509,339	487,307
Buckwheat.....	112,180	62,128	16,374	63,743	44,660
Castor beans.....	24,344	3,480	4,005	4,346	1,696
Beans.....	36,217	15,894	3,267	9,776	13,917
Peas.....	42,688	20,430	10,713	19,186	17,218
Irish potatoes.....	6,685,990	5,987,554	4,472,339	7,236,562	7,940,660
Sweet potatoes.....	126,169	224,522	114,486	216,283	153,431
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Tobacco.....	No. pounds produced.	No. pounds produced.	No. pounds produced.	No. pounds produced.	No. pounds produced.
	2,741,329	2,736,407	1,747,474	2,345,931	1,555,902
Broom corn.....	11,161,238	14,457,156	25,708,250	9,693,182	11,520,944
Hemp (fibre).....	45,702	62,931	6,045	3,838	166,235
Cotton (lint).....	8,928	47,555	21,229	476	.....
Flax (fibre).....	8,493,998	3,416,124	2,683,903	1,715,712	1,728,756
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Sorgho.....	No. gallons syrup made	No. gallons syrup made	No. gallons syrup made	No. gallons syrup made	No. gallons syrup made
	1,309,400	636,216	456,714	816,892	843,865
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Turnips, other root crops..	Val. of crops produced.	Val. of crops produced.	Val. of crops produced.	Val. of crops produced.	Val. of crops produced.
	\$722,444	\$105,414	\$448,389	\$934,291	\$836,784
Other fruits and berries...	185,488	231,417	301,086	279,360	287,974
" cr'ps not nam'd above	526,189	168,244	623,572	190,852	258,748

Live Stock, etc.	Quantity, etc., 1879.	Quantity, etc., 1880.	Quantity, etc., 1881.	Quantity, etc., 1882.	Quantity, etc., 1883.
Fat cattle sold, No.....	457,331	473,727	496,526	483,427	475,411
Gr. Wt., lbs.....	448,463,350	493,554,661	500,974,754	563,170,713	534,624,597
Colts foaled, No.....	49,952	72,764	80,150	71,843	80,152
Fat sheep sold, No.....	191,398	193,384	218,142	239,394	252,153
Gr. Wt., lbs.....	18,071,371	17,807,358	19,925,207	25,734,335	20,725,625
Wool shorn, lbs.....	3,944,558	4,757,938	4,636,711	4,570,081	4,452,023
Fat hogs sold, No.....	2,543,278	2,642,606	2,469,833	2,334,194	2,251,641
Gr. Wt., lbs.....	702,192,812	656,485,450	618,393,680	605,253,746	537,439,062
Cows kept, No.....	571,628	613,738	625,410	716,162	716,102
Butter sold, lbs.....	25,028,225	24,553,449	21,579,414	21,659,054	21,507,889
Cheese sold, lbs.....	6,618,212	6,187,680	5,837,974	5,252,036	5,333,143
Cream sold, gal.....	230,497	601,314	1,380,939	2,188,396	1,302,803
Milk sold, gal.....	96,659,854	38,986,861	40,153,488	41,433,620	47,533,437
Hives of bees, No.....	.....	.....	86,633	131,633	131,633
Honey, lbs.....	.....	.....	618,947	2,791,301	3,262,647
Timothy seed, bu.....	213,329	400,124	426,531	320,653	387,377
Clover seed, bu.....	138,191	87,144	125,042	55,862	147,972
Hungarian and millet seed, bu.....	43,776	66,789	76,189	77,423	36,920
Cotton seed, bu.....	246	120	2,600	1,274	.....
Flax seed, bu.....	1,621,043	1,501,530	1,055,413	595,585	218,177
Grapes, lbs.....	3,184,952	7,883,041	1,115,902	1,013,390	527,397
Tile laid, feet.....	22,030,472	44,880,760	27,409,295	37,557,625	62,500,217







## CORN.

Year.	Acreage.	Av. yield per acre.	Crop in bushels.	Value per bush.	Value of crop.
1877 .....	7,654,474	28	217,046,190	\$0 28	\$60,772,933
1878 .....	6,649,226	29	193,080,845	22	42,477,786
1879 .....	7,592,152	36	274,101,628	32	87,712,521
1880 .....	7,257,897	33	240,949,582	33	79,513,362
1881 .....	6,586,201	25	164,973,728	53	87,436,076
1882 .....	7,296,230	22	160,203,107	42	67,285,304
1883 .....	7,132,762	20	139,880,568	36	50,357,004

## WINTER WHEAT.

Year.	Acreage.	Av. yield per acre.	Crop in bushels.	Value per bush.	Value of crop.
1877 .....	1,500,680	14	21,377,023	\$1 19	\$25,438,658
1878 .....	1,806,651	13	23,293,388	79	18,401,776
1879 .....	2,427,481	18	43,663,284	1 21	52,832,573
1880 .....	3,117,379	10	30,671,823	1 93	28,524,795
1881 .....	2,658,554	8	21,137,114	1 08	22,828,083
1882 .....	2,710,034	14	39,810,289	89	35,431,157
1883 .....	2,876,432	9	24,001,837	95	22,801,745

## SPRING WHEAT.

Year.	Acreage.	Av. yield per acre.	Crop in bushels.	Value per bush.	Value of crop.
1877 .....	176,058	13	2,260,343	\$0 95	\$2,147,326
1878 .....	221,795	14	3,075,314	68	2,091,213
1879 .....	274,899	10	2,725,490	1 06	2,889,019
1880 .....	179,024	9	1,587,228	83	1,317,399
1881 .....	83,496	6	474,441	96	455,463
1882 .....	93,642	6	566,949	89	504,585
1883 .....	44,091	12	540,973	90	486,876

## OATS.

Year.	Acreage.	Av. yield per acre.	Crop in bushels.	Value per bush.	Value of crop.
1877 .....	1,474,210	34	49,748,473	\$0 26	\$12,934,603
1878 .....	1,536,904	35	53,424,555	20	10,684,911
1879 .....	1,703,843	36	61,665,473	22	13,566,404
1880 .....	1,866,337	34	63,366,303	24	15,207,913
1881 .....	1,759,778	32	55,583,493	30	16,675,048
1882 .....	2,449,840	28	690,894,023	41	28,656,594
1883 .....	2,722,432	27	73,885,306	26	19,210,179



## RYE.

Year.	Acreage.	Av. yield per acre.	Crop in bushels.	Value per bush.	Value of crop.
1877 .....	231,972	16	3,825,091	\$0 55	\$2,103,800
1878 .....	233,191	13	2,915,940	41	1,195,535
1879 .....	166,915	16	2,648,893	47	1,244,980
1880 .....	163,391	16	2,557,426	56	1,432,158
1881 .....	175,320	14	2,466,958	81	1,998,236
1882 .....	357,695	9	3,339,410	62	2,070,434
1883 .....	270,961	10	2,607,842	48	1,251,668

## BARLEY.

Year.	Acreage.	Av. yield per acre.	Crop in bushels.	Value per bush.	Value of crop.
1877 .....	44,982	19	842,942	\$0 47	\$396,183
1878 .....	26,164	27	703,294	56	393,844
1879 .....	43,227	22	980,250	46	450,915
1880 .....	42,688	19	841,188	56	471,065
1881 .....	31,249	17	539,308	74	399,088
1882 .....	34,772	14	509,339	68	346,350
1883 .....	26,849	18	487,307	59	287,511

## BUCKWHEAT.

Year.	Acreage.	Av. yield per acre.	Bushels produced.	Value per bush.	Value of crop.
1877 .....	15,880	13	207,696	\$0 73	\$151,612
1878 .....	16,060	9	155,340	1 33	206,608
1879 .....	10,786	10	112,180	77	85,257
1880 .....	6,681	9	62,128	77	47,838
1881 .....	3,648	4½	16,374	1 12	18,339
1882 .....	2,469	25	63,743	77	49,082
1883 .....	3,491	14	44,660	85	37,961

## HAY.

Year.	*Area Meadows.	Av. yield per acre.	Yield in tons.	Value per ton.	Value of crop.
1877 .....	2,314,682	1.26	2,924,995	\$5 43	\$15,882,723
1878 .....	2,039,956	1.32	2,701,489	4 70	12,696,998
1879 .....	2,277,945	1.03	2,362,030	6 37	15,046,131
1880 .....	2,351,295	1.18	2,794,579	6 50	18,164,763
1881 .....	2,175,980	1.25	2,715,521	6 95	18,872,871
1882 .....	2,628,295	1.12	2,939,779	7 75	22,783,287
1883 .....	2,913,219	1.11	3,240,322	6 15	19,927,980

\* Includes Timothy, Clover, Prairie Hay, Hungarian and Millet.

## SORGHUM.

Year.	Acreage.	Av. yield per acre.	Total number of gallons.	Value per gallon.	Value of crop.
1877 .....	19,335	63	1,227,164	\$0 42	\$515,409
1878 .....	14,638	80	1,174,549	45	528,547
1879 .....	17,883	73	1,309,400	38	497,572
1880 .....	9,825	65	636,216	42	267,211
1881 .....	8,263	55	456,714	55	251,193
1882 .....	13,757	61	816,892	50	408,446
1883 .....	14,023	60	843,865	50	421,932

## BROOM CORN.

Year.	Acreage.	Av. yield per acre.	Total yield— pounds.	Value per ton.	Value of crop.
1877 .....	14,566	458	6,674,747	\$71 20	\$237,594
1878 .....	18,248	614	11,218,168	49 50	277,645
1879 .....	17,664	632	11,161,238	86 75	484,195
1880 .....	18,652	775	14,457,156	77 40	559,447
1881 .....	17,887	1,437	25,708,250	128 50	1,651,739
1882 .....	43,036	225	9,693,187	80 00	387,680
1883 .....	33,922	340	11,520,944	90 00	518,400

## TOBACCO.

Year.	Acreage.	Av. yield per acre.	Pounds produced	Value per pound.	Value of crop.
1877 .....	12,320	640	7,885,586	\$0 08	\$630,847
1878 .....	3,833	584	2,268,492	07	158,794
1879 .....	3,079	890	2,741,329	09	246,719
1880 .....	4,091	668	2,736,407	08	218,912
1881 .....	3,854	453	1,747,474	08	139,798
1882 .....	3,789	622	2,345,931	07	164,215
1883 .....	3,092	503	1,555,902	06	93,354

## FLAX FIBRE.

Year.	Acreage.	Crop in pounds.	*Value per ton.	Value of crop.
1877 .....	89,304	6,178,693	\$3 00	\$9,267
1878 .....	96,179	5,509,518	3 00	8,262
1879 .....	175,927	8,493,998	3 00	12,738
1880 .....	169,368	3,416,124	3 00	5,124
1881 .....	119,489	2,683,903	3 00	4,026
1882 .....	93,240	1,715,712	3 00	2,571
1883 .....	29,333	1,728,756	3 00	2,592

\*Estimated.

## HEMP FIBRE.

Year.	Acreage.	Av. yield per acre.	Pounds fibre.	Value per ton.	Value of crop.
1877	1,154	300	346,744	\$5 00	\$865
1878	448	221	99,335	7 00	346
1879	188	243	45,702	5 00	150
1880	199	316	62,961	4 35	272
1881	191	314	60,045	5 50	165
1882	39	99	3,838	7 20	14
1883	26	172	4,483	5 67	11

## CASTOR BEANS.

Year.	Acreage.	Av. yield per acre.	Yield in bushels.	Value per bushel	Value of crop.
1877	4,503	3¼	17,738	\$1 10	\$19,512
1878	361	7	2,526	1 25	3,157
1879	3,085	8 1-5	24,344	1 00	24,344
1880	500	6 4-5	3,480	1 05	3,654
1881	758	5¼	4,005	1 65	6,608
1882	2,098	2½	4,346	1 26	5,476
1883	433	4	1,696	1 35	2,290

## BEANS.

Year.	Acreage.	Av. yield per acre.	Yield in bushels.	Value per bushel	Value of crop.
1877	1,545	13	19,944	\$1 50	\$29,916
1878	1,669	16	18,627	1 35	25,146
1879	2,674	14	36,217	1 50	54,325
1880	1,398	11	15,894	1 60	25,430
1881	1,012	3	3,267	3 30	10,781
1882	983	9	9,776	2 22	21,703
1883	1,091	13	13,917	2 00	27,834

## PEAS.

Year.	Acreage.	Av. yield per acre.	Yield in bushels.	Value per bushel	Value of crop.
1877	521	25	13,283	\$1 50	\$19,923
1878	537	40	21,410	1 50	32,115
1879	779	54	42,688	1 50	64,032
1880	542	37	20,434	1 50	30,651
1881	419	25	10,713	1 50	16,069
1882	550	34	19,186	1 50	28,779
1883	562	31	17,218	1 50	25,827



## COTTON LINT.

Year.	Acreage.	Pounds lint.	Value per pound.	Value of crop.
1877 .....	205	39,186	\$0 11	\$4,310
1878 .....	2,484	3,055	9	275
1879 .....	44	8,928	17	1,428
1880 .....	131	47,555	8	3,804
1881 .....	194	21,229	20	4,246
1882 .....	28	476	11	5,236
1883 .....	6			

## IRISH POTATOES.

Year.	Acreage.	Av. yield per acre.	Total yield in bushels.	Value per bushel	Value of crop.
1877 .....	95,717	71	6,795,349	\$0 45	\$3,057,907
1878 .....	81,460	62	5,095,477	47	2,394,874
1879 .....	92,439	72	6,685,990	50	3,342,995
1880 .....	92,342	65	5,987,554	56	3,353,030
1881 .....	72,079	62	4,472,339	1 08	4,830,126
1882 .....	106,439	68	7,236,562	58	4,197,206
1883 .....	116,004	68	7,940,660	36	2,858,638

## SWEET POTATOES.

Year.	Acreage.	Av. yield per acre.	Yield in bushels.	Value per bushel	Value of crop.
1877 .....	2,355	63	148,270	\$0 85	\$126,029
1878 .....	1,729	67	116,944	85	99,402
1879 .....	1,423	88	126,169	90	113,552
1880 .....	3,382	66	224,522	90	202,070
1881 .....	1,815	63	114,486	1 08	123,645
1882 .....	2,785	77	216,283	80	173,026
1883 .....	2,696	57	153,431	90	138,088

## TURNIPS AND OTHER ROOT CROPS.

Year.	Acreage.	Value per acre.	Value of crop.
1877 .....	7,057	\$39 55	\$279,136
1878 .....	3,775	40 85	154,149
1879 .....	3,139	230 15	722,444
1880 .....	2,300	45 85	105,414
1881 .....	3,046	147 20	448,389
1882 .....	3,809	245 25	934,291
1883 .....	4,361	191 90	836,784

## OTHER CROPS (NOT NAMED).

Year.	Acreage.	Value per acre.	Value of crop.
1877.....	62,069	\$4 82	\$299,543
1878.....	20,813	7 58	157,862
1879.....	29,639	17 75	526,189
1880.....	18,004	9 34	168,244
1881.....	17,448	35 74	623,572
1882.....	46,860	4 07	190,852
1883.....	19,793	13 07	258,748

## LIVE STOCK.

## HORSES, MULES AND ASSES.

Year.	Number horses.	Number colts foaled.	Number horses any age died of disease.	Value horses died of disease.	Number mules.
1877.....	915,995	.....	.....	.....	127,117
1878.....	904,948	.....	.....	.....	125,875
1879.....	887,238	49,952	24,877	.....	121,373
1880.....	912,586	72,764	36,087	.....	116,260
1881.....	981,909	80,150	41,000	\$2,251,016	112,361
1882.....	913,005	71,843	35,951	2,198,891	110,340
1883.....	765,852	80,152	29,638	1,902,442	107,970

## FAT CATTLE.

Year.	Number assessed.	Per cent. sold.	Number sold.	Average gross weight in pounds.	Total gross weight in pounds.	Value per cwt.	Total value.
1877.....	1,750,931	24	423,984	1,097	448,151,088	\$4 25	\$19,046,421
1878.....	1,775,401	20	357,816	1,021	365,458,112	3 45	12,608,304
1879.....	1,862,265	24	457,331	980	448,463,450	3 50	15,696,219
1880.....	1,999,788	23	472,727	1,042	493,554,661	3 65	18,014,743
1881.....	2,012,788	24	496,526	1,009	500,974,754	4 15	20,790,450
1882.....	1,822,397	26	483,427	1,162	563,170,713	4 45	25,061,696
1883.....	1,822,397	26	475,411	1,124	534,624,597	4 25	22,721,545

## FAT HOGS.

Year.	Number assessed.	Per cent. sold.	Number sold.	Average gross weight in pounds.	Total gross weight in pounds.	Value per cwt.	Total value.
1877.....	2,961,366	82	2,455,573	252	618,804,396	\$4 25	\$26,299,187
1878.....	2,335,550	68	2,271,493	242	550,955,097	2 80	15,426,743
1879.....	2,799,051	90	2,513,278	276	702,102,812	3 30	23,169,392
1880.....	3,133,557	84	2,642,606	248	656,485,450	4 00	26,259,416
1881.....	2,684,202	92	2,468,833	250	618,393,680	5 25	32,465,669
1882.....	3,287,693	71	2,334,194	259	605,253,746	6 40	33,736,237
1883.....	3,287,693	68	2,251,641	289	537,439,062	4 75	25,528,355

## FAT SHEEP.

Year.	Number. assessed.	Per cent. sold.	Number sold.	Average gross weight in pounds.	Total gross weight in pounds.	Value per cwt.	Total value.
1877 .....	777,105	31	241,422	95	23,176,512	\$4 40	\$1,019,766
1878 .....	775,757	18	144,762	86	12,531,597	3 80	476,201
1879 .....	847,101	22	191,398	94	18,071,371	2 98	538,528
1880 .....	964,696	20	193,384	92	17,807,358	3 40	605,448
1881 .....	1,052,642	21	218,140	91	19,925,207	3 55	707,344
1882 .....	1,045,084	23	239,394	107	25,734,335	3 60	926,435
1883 .....	1,045,084	24	252,153	82	20,725,625	3 40	704,671

## SHEEP KILLED BY DOGS.

Year.	Number assessed.	Per cent. kill'd	Number killed.	Value per head.	Total value.
1877 .....	777,105	5	39,649	\$2 29	\$90,796
1878 .....	775,757	3	26,047	2 68	69,936
1879 .....	847,101	3	28,664	2 59	74,257
1880 .....	964,696	2 $\frac{2}{3}$	26,107	3 03	79,269
1881 .....	1,052,642	3	32,914	2 75	90,513
1882 .....	1,045,084	3	33,078	3 25	107,724
1883 .....	1,045,084	2	23,584	3 59	84,831

## HOG CHOLERA.

Year.	Number hogs market'd as returned by assess'rs	Number hogs died of cholera as returned by assess'rs	Estimated number of breeding animals— sows and boars.	Total number of hogs for the year.
1877 .....	2,455,573	1,445,268	819,176	4,720,018
1878 .....	2,271,493	1,391,422	769,212	4,432,127
1879 .....	2,543,278	676,738	676,203	3,896,219
1880 .....	2,642,608	590,025	678,853	3,911,486
1881 .....	2,468,833	418,502	606,340	3,493,675
1882 .....	2,334,194	289,308	751,170	3,374,672
1883 .....	2,251,641	223,755	812,277	3,287,693

Died of disease other than cholera in 1881—98,736.

Died of disease other than cholera in 1882—98,144.

Died of disease other than cholera in 1883—75,496.



## Hog Cholera—Continued.

Year.	Total number of hogs including number marketed, number died of cholera, and estimated number breeding stock.....	Per cent. of loss by cholera.....	Number died of cholera.....	Average gross weight hogs died of cholera.....	Total gross weight of hogs died of cholera as returned by assessors .....	Value per 100 pounds —Gross .....	Total value.....
1877.....	4,720,018	30.62	1,445,268	74	106,949,832	\$4 21	\$4,502,586
1878.....	4,432,127	31.39	1,391,422	105	139,853,508	2 82	3,943,869
1879.....	3,896,219	17.36	676,738	73	49,326,591	3 25	1,603,114
1880.....	3,911,486	15.08	590,025	69	41,066,533	3 95	1,622,128
1881.....	3,493,675	11.92	418,502	75	31,522,141	5 25	1,654,912
1882.....	3,374,672	8.57	289,308	76	22,083,486	6 10	1,413,344
1883.....	2,287,693	6.81	223,755	72	16,209,992	4 50	729,450
Average .....	3,873,698	17.39	719,288	80	58,144,583	3 87	2,209,915

## COWS.

Year.	Number kept.	Value per head.	Total value.
1877.....	556,466	\$26 00	\$14,468,116
1878.....	508,753	26 00	13,227,578
1879.....	571,628	28 00	16,005,584
1880.....	613,738	30 00	18,412,140
1881.....	625,410	32 00	20,013,120
1882.....	716,102	37 00	26,495,774
1883.....	716,102	39 00	27,920,040

## DAIRY PRODUCTS.

## BUTTER.

Year.	Number pounds sold.	Value per pound.	Total value.
1877.....	18,970,227	\$0 20	\$3,794,045
1878.....	17,997,652	15	2,699,648
1879.....	25,028,225	19	4,755,363
1880.....	24,553,449	20	4,910,690
1881.....	21,579,414	26	5,610,647
1882.....	21,659,054	25	5,414,763
1883.....	21,507,889	25	5,376,972

## CHEESE.

Year.	Number pounds sold.	Value per pound.	Total value.
1877.....	4,502,671	\$0 12	\$540,320
1878.....	5,139,914	10	513,991
1879.....	6,618,212	13	860,367
1880.....	6,187,680	13	804,398
1881.....	5,837,974	15	875,696
1882.....	5,252,036	14	735,285
1883.....	5,333,143	14	746,640

## CREAM.

Year.	Gallons sold.	Price per gallon.	Total value.
1877.....	2,744,259	\$0 55	\$1,509,342
1878.....	62,767	52	32,608
1879.....	230,497	49	112,943
1880.....	601,314	50	300,657
1881.....	1,380,939	51	704,279
1882.....	2,188,396	62	1,356,805
1883.....	1,302,803	57	742,598

## MILK.

Year.	Gallons sold.	Price per gallon.	Total value.
1877.....	17,124,506	\$0 11½	\$1,912,226
1878.....	30,567,415	10½	3,209,579
1879.....	96,659,845	08	7,732,788
1880.....	38,986,861	09½	3,573,796
1881.....	40,153,488	09½	3,814,581
1882.....	41,433,620	20	8,286,724
1883.....	47,533,437	20	9,506,687

## WOOL.

Year.	Number pounds shorn.	Value per pound.	Total value.
1877.....	3,291,677	\$0 30	\$987,503
1878.....	2,891,087	25	722,752
1879.....	3,944,558	35	1,380,595
1880.....	4,757,933	34	1,617,698
1881.....	4,636,711	29	1,344,646
1882.....	4,570,081	27	1,235,922
1883.....	4,452,023	26	1,157,526

## APPLES.

Year.	Number of bushels.	Price per bushel.	Value of crop.
1877.....	5,395,351	\$0 80	\$4,316,281
1878.....	4,940,811	65	3,211,527
1879.....	5,958,690	75	4,469,017
1880.....	10,342,186	56	5,791,624
1881.....	2,659,529	1 22	3,244,625
1882.....	6,557,128	80	5,245,702
1883.....	6,501,815	75	4,876,361

## PEACHES.

Year.	Number of bushels.	Price per bushel	Value of crop.
1877.....	402,587	\$0 92	\$370,380
1878.....	607,292	62	376,521
1879.....	25,749	1 34	34,503
1880.....	398,970	80	319,176
1881.....	96,507	1 55	149,586
1882.....	319,911	83	265,526
1883.....	204,621	1 10	225,083

## PEARS.

Year.	Number of bushels.	Price per bushel.	Value of crop.
1877.....	16,818	\$1 35	\$22,704
1878.....	13,510	1 25	16,887
1879.....	6,134	1 55	9,508
1880.....	35,714	1 30	46,428
1881.....	14,135	1 80	25,443
1882.....	9,964	1 33	13,252
1883.....	6,805	1 80	12,249

## VINEYARDS.

Year.	Number acres.	Av. yield per acre.	Number gallons wine made.	Value per gallon.	Total value.
1877.....	2,612	61	159,944	\$1 20	\$191,933
1878.....	5,178	27	142,964	1 20	171,557
1879.....	2,899	112	326,323	1 30	424,220
1880.....	4,340	122	530,990	1 15	610,638
1881.....	3,663	35	129,839	1 35	175,282
1882.....	3,235	30	96,282	86	82,802
1883.....	3,500	146	512,952	1 20	615,542

## OTHER FRUITS AND BERRIES.

Year.	Acreage.	Value per acre.	Value of crop.
1877.....	4,523	\$39 53	\$178,800
1878.....	2,559	55 51	197,581
1879.....	3,111	59 62	185,488
1880.....	7,803	29 65	231,417
1881.....	7,670	26 34	202,086
1882.....	5,881	47 50	279,360
1883.....	4,583	62 83	287,974



## FLAX SEED.

Year.	Bushels produced.	Value per bushel.	Total value.
1877.....	699,839	\$1 30	\$908,491
1878.....	971,015	1 05	1,019,566
1879.....	1,621,043	1 20	1,945,252
1880.....	1,501,530	1 10	1,651,683
1881.....	1,055,413	1 02	1,076,521
1882.....	595,585	1 10	655,143
1883.....	218,177	1 09	237,813

## COTTON SEED.

Year.	Bushels produced.	Value per bushel.	Total value.
1877.....	2,286	\$1 05	\$2,400
1878.....	4,959	1 10	5,450
1879.....	246	1 05	255
1880.....	120	1 00	120
1881.....	2,600	1 43	3,718
1882.....	1,274	1 05	1,338
1883.....			

## TIMOTHY SEED.

Year.	Bushels produced.	Value per bushel.	Total value.
1877.....	483,571	\$1 25	\$604,464
1878.....	261,559	1 25	326,949
1879.....	213,329	2 25	479,990
1880.....	400,124	2 20	880,272
1881.....	426,531	2 60	1,108,980
1882.....	320,653	1 68	538,697
1883.....	387,377	1 35	522,959

## CLOVER SEED.

Year.	Bushels produced.	Value per bushel.	Total value.
1877.....	64,686	\$4 80	\$310,493
1878.....	77,388	4 05	313,421
1879.....	138,191	5 00	690,955
1880.....	87,144	4 60	400,862
1881.....	125,042	5 20	650,218
1882.....	55,862	5 00	279,310
1883.....	147,972	4 75	702,867

## HUNGARIAN AND MILLET SEED.

Year.	Bushels produced.	Value per bushel.	Total value.
1877.....	16,463	\$0 65	\$10,701
1878.....	26,787	55	14,733
1879.....	43,776	75	32,832
1880.....	66,889	70	46,752
1881.....	76,189	95	72,379
1882.....	77,423	69	53,422
1883.....	36,920	62	22,890

## GRAPES.

Year.	Pounds produced.	Value per pound.	Total value.
1877.....	3,092,748	\$0 03	\$92,782
1878.....	1,922,636	03	57,679
1879.....	3,184,952	03	95,548
1880.....	7,833,041	03	234,991
1881.....	1,115,902	04	55,795
1882.....	1,013,390	04	40,536
1883.....	527,397	05	26,370

## DRAIN TILE.

Year.	Number of feet of drain tile laid.....	+Total area of land cultivated.....	No. feet of tile laid to each acre of cultivated land....
1879.....	*44,880,760	19,380,516	2.31
1880.....	22,130,472	20,044,833	1.09
1881.....	27,409,295	16,665,367	1.64
1882.....	46,557,625	28,690,838	1.62
1883.....	60,975,784	29,169,428	2.09

\*Includes all the tile laid previous to 1880.

+Includes all the lands, except woodland, uncultivated land, area city and town real estate.





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# AGRICULTURAL STATISTICS

FOR 1883.

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# ASSESSORS' RETURNS OF AGRICULTURAL STATISTICS FOR 1883.

Counties.	CORN.		WINTER WHEAT.		SPRING WHEAT.	
	Acres.	Bushels produced.	Acres.	Bushels produced.	Acres.	Bushels produced.
Adams	86,108	1,898,385	84,957	988,249	3,126	910
Alexander	7,137	107,270	19,274	69,874	2	600
Bond	38,520	814,763	46,424	179,387	217	
Boone	35,405	355,464	840	9,341	617	10,770
Brown	30,862	777,642	27,468	366,457	3	910
Bureau	265,203	3,262,809	1,282	15,834	1,118	21,265
Calhoun	16,239	231,570	21,902	227,445		
Carroll	68,658	1,164,151	3,237	23,236	1,177	6,355
Cass	42,098	1,244,000	18,462	258,397	60	1,993
Champaign	212,665	4,758,479	36,758	305,648	142	1,976
Christian	120,995	2,108,660	73,661	592,696	15	19,625
Clark	39,496	1,062,761	53,072	196,246	8	102
Clay	30,592	438,013	35,276	129,616		
Clinton	54,086	1,134,705	80,546	248,279		43,022
Coles	57,001	2,449,812	25,136	237,933	58	2,201
Cook	48,937	654,872	218	2,414	2,155	13,885
Crawford	36,360	953,685	46,350	206,067	201	268
Cumberland	28,881	669,927	28,131	209,402	25	
DeKalb	111,901	1,794,313	214	2,157	484	8,751
De Witt	85,188	*1,744,463	8,894	*143,281	164	*5,933
Douglas	63,337	3,093,774	12,289	86,347	19	1,220
DuPage	31,199	417,480	406	3,782	802	10,162
Edgar	19,312	2,247,816	45,875	256,376	74	745
Edwards	17,541	516,223	27,887	198,312	62	792
Effingham	37,589	641,554	39,789	305,274	4	
Fayette	41,959	843,616	59,945	207,128		49,822
Ford	111,893	1,723,105	719	2,270	23	520
Franklin	3,487	*68,095	5,247	*53,322	319	*4,483
Fulton	100,162	2,633,148	31,076	525,585	1,209	13,039
Gallatin	40,000	1,125,000	38,000	527,000		
Greene	58,375	1,629,095	60,816	588,353	50	870
Grundy	87,536	929,301	82	2,239	49	460
Hamilton	23,392	834,141	27,406	120,879	26	
Hancock	98,922	1,750,914	25,720	309,654	209	3,167
Hardin	5,460	60,621	5,800	19,158	81	
Henderson	64,691	*1,502,400	4,154	*51,493	397	*3,836
Henry	172,366	2,314,883	408	2,572	835	13,003
Iroquois	216,783	3,634,237	6,372	32,061	54	360
Jackson	20,565	331,378	48,401	448,411		
Jasper	30,509	691,297	34,205	126,408	499	318
Jefferson	35,305	640,459	55,475	384,688	2,705	
Jersey	34,423	*901,492	53,467	*593,198	6	*1,478
JoDavie	57,385	1,071,007	3,694	54,448	1,594	18,378
Johnson	20,974	302,247	29,473	195,123	54	
Kane	54,713	1,030,723	187	2,218	283	4,529
Kankakee	100,637	1,320,647	3,004	28,159	198	1,490
Kendall	62,109	685,911	123	1,078	101	1,290
Knox	127,172	2,786,688	3,918	40,142	147	1,471
Lake	27,634	738,883	607	6,128	1,662	29,891
LaSalle	219,972	3,960,780	2,624	34,523	1,747	15,237
Lawrence	28,309	760,584	40,112	258,971		150
Lee	140,146		200		5,200	
Livingston	248,680	3,328,501	714	8,247	26	1,699

*Agricultural Statistics, 1883—Continued.*

Counties.	CORN.		WINTER WHEAT.		SPRING WHEAT.	
	Acres.	Bushels produced.	Acres.	Bushels produced.	Acres.	Bushels produced.
Logan.....	158,867	3,665,847	23,840	254,623	1,318	7,821
Macon.....	132,341	4,038,825	26,007	206,368	71	50
Macoupin.....	86,637	2,167,677	108,849	807,721	74	.....
Madison.....	85,538	1,907,017	128,496	1,092,656	.....	.....
Marion.....	36,172	589,767	47,368	167,225	7	10
Marshall.....	80,000	.....	600	.....	100	.....
Mason.....	.....	.....	.....	.....	.....	.....
Massac.....	11,453	153,793	19,084	171,789	.....	.....
McDonough.....	76,882	*1,074,714	10,212	*131,435	627	*2,690
McHenry.....	56,576	1,025,527	766	13,305	2,983	45,477
McLean.....	243,107	5,862,267	8,189	85,457	207	2,906
Menard.....	81,040	1,215,600	18,620	148,960	.....	35,305
Mercer.....	91,523	1,915,595	1,123	10,861	380	3,401
Monroe.....	16,380	352,981	62,313	572,300	.....	.....
Montgomery.....	105,891	2,112,911	89,992	548,002	.....	.....
Morgan.....	.....	.....	.....	.....	.....	.....
Moultrie.....	61,309	1,202,280	19,726	167,962	.....	305
Ogle.....	118,455	1,919,455	4,209	44,724	690	6,851
Peoria.....	86,288	1,672,213	5,324	74,217	193	985
Perry.....	12,316	*271,403	38,484	*569,272	7	.....
Piatt.....	84,703	1,594,617	15,110	145,203	23	.....
Pike.....	66,084	1,614,152	95,651	1,317,418	32	1,212
Pope.....	18,047	*441,697	21,681	*216,856	12	*147
Pulaski.....	10,370	135,311	9,973	114,875	.....	.....
Putnam.....	25,557	607,807	1,094	11,983	155	1,505
Randolph.....	25,781	550,830	93,692	887,840	.....	.....
Richland.....	25,102	394,310	41,948	133,471	.....	.....
Rock Island.....	55,817	1,118,413	304	2,714	757	14,055
Saline.....	17,563	280,126	19,914	91,228	80	1,176
Sangamon.....	166,439	3,875,221	54,169	516,558	81	1,600
Schuyler.....	42,845	1,148,408	32,357	427,062	131	1,143
Scott.....	19,157	436,654	16,500	121,541	20	132
Shelby.....	86,842	1,854,829	60,340	374,074	111	1,600
Stark.....	61,358	1,207,831	363	3,131	40	1,982
St. Clair.....	50,596	1,453,736	146,795	912,925	182	120
Stephenson.....	82,711	1,150,803	5,979	106,669	2,767	34,514
Tazewell.....	116,077	2,506,960	27,154	373,256	157	3,325
Union.....	15,867	264,171	27,220	219,613	93	.....
Vermilion.....	132,397	3,373,767	33,200	143,249	106	300
Wabash.....	17,552	489,610	27,272	246,565	.....	.....
Warren.....	110,146	2,110,410	1,174	9,348	348	2,095
Washington.....	31,941	*776,382	102,203	*1,728,253	1,434	*23,744
Wayne.....	39,615	530,504	47,799	118,097	.....	.....
White.....	42,561	806,465	55,301	476,608	499	.....
Whiteside.....	103,354	*2,385,904	322	*7,363	1,018	*12,119
Will.....	120,387	1,863,287	1,100	21,658	416	8,279
Williamson.....	22,248	309,577	33,420	151,325	.....	370
Winnebago.....	75,416	1,030,022	1,557	23,741	786	7,272
Woodford.....	106,576	2,308,148	4,341	46,830	179	1,497
Total.....	7,132,762	139,880,568	2,876,432	24,001,837	44,091	540,973

\*Estimated.



*Assessors' Returns for 1883—Continued.*

Counties.	OATS.		RYE.		BARLEY.	
	Acres.	Bushels produced.	Acres.	Bushels produced.	Acres.	Bushels produced.
Adams.....	28,670	665,947	1,581	8,424	444	200
Alexander.....	67	5,607	30	58	2	.....
Bond.....	16,595	372,643	344	3,424	.....	.....
Boone.....	27,801	812,813	1,653	29,121	412	9,081
Brown.....	7,498	168,838	808	6,368	.....	.....
Bureau.....	53,835	1,891,420	7,518	95,259	73	124
Calhoun.....	2,878	29,250	.....	610	.....	.....
Carroll.....	36,671	989,962	8,618	78,144	2,219	28,612
Cass.....	9,140	245,468	668	5,163	.....	405
Champaign.....	71,789	2,008,405	4,872	33,532	94	260
Christian.....	27,342	635,114	902	3,443	6	.....
Clark.....	10,881	121,242	330	2,135	56	.....
Clay.....	15,880	297,592	209	1,286	2	.....
Clinton.....	24,485	484,100	683	531	25	.....
Coles.....	15,964	412,715	521	3,819	20	.....
Cook.....	60,992	2,084,506	996	18,397	134	3,469
Crawford.....	6,004	110,435	300	1,820	15	767
Cumberland.....	12,936	242,236	256	2,313	3	.....
DeKalb.....	57,083	2,090,892	1,637	22,942	398	7,423
DeWitt.....	27,617	*651,765	3,216	*54,501	5	*50
Douglas.....	16,320	476,262	.....	5,998	.....	126
DuPage.....	35,587	1,382,054	2,175	41,033	28	2,330
Edgar.....	12,578	330,739	310	1,813	21	175
Edwards.....	5,246	101,890	65	226	5	100
Effingham.....	25,851	604,569	671	5,414	9	.....
Fayette.....	23,373	477,403	509	1,898	.....	111
Ford.....	40,832	864,005	1,430	10,241	18	140
Franklin.....	915	*25,152	5	*35	.....	.....
Fulton.....	34,481	819,336	17,366	170,750	34	5,054
Gallatin.....	6,000	180,000	300	5,000	.....	.....
Greene.....	7,000	124,769	690	1,381	30	.....
Grundy.....	28,928	775,662	1,992	13,913	.....	50
Hamilton.....	6,819	93,268	56	18	.....	.....
Hancock.....	46,374	1,265,328	7,200	58,950	.....	8
Hardin.....	1,964	3,030	50	110	.....	.....
Henderson.....	21,944	*467,213	7,307	*75,555	.....	.....
Henry.....	63,838	2,168,622	9,679	101,979	62	1,995
Iroquois.....	74,980	1,995,091	6,880	59,942	111	696
Jackson.....	5,862	81,843	107	114	641	3,744
Jasper.....	12,069	294,069	454	2,876	19	.....
Jefferson.....	11,948	227,560	132	1,767	25	.....
Jersey.....	6,147	*243,219	61	*380	.....	.....
JoDaviss.....	35,809	1,187,432	2,115	24,699	329	6,583
Johnson.....	3,078	48,679	71	50	.....	.....
Kane.....	32,841	1,350,274	2,281	47,614	30	1,368
Kankakee.....	42,860	1,166,289	4,509	51,629	60	.....
Kendall.....	28,460	1,011,750	723	11,078	12	.....
Knox.....	54,036	1,690,122	9,413	77,633	1	.....
Lake.....	29,067	1,016,989	461	7,339	484	9,206
LaSalle.....	92,264	3,046,427	5,604	59,778	112	20
Lawrence.....	4,440	72,479	303	905	355	5,437
Lee.....	56,525	.....	2,992	.....	2,116	.....
Livingston.....	95,089	2,918,976	6,756	56,357	5	555

*Assessors' Returns for 1883—Continued.*

Counties.	OATS.		RYE.		BARLEY.	
	Acres.	Bushels produced.	Acres.	Bushels produced.	Acres.	Bushels produced.
Logan.....	30,600	963,944	4,148	15,255	257	750
Macon.....	41,045	1,319,987	859	4,355	14	.....
Macoupin.....	27,960	516,650	564	633	32	.....
Madison.....	21,717	406,788	162	692	125	.....
Marion.....	22,188	425,180	418	1,074	13	3
Marshall.....	34,000	.....	3,000	.....	100	.....
Mason.....	.....	.....	.....	.....	.....	.....
Massac.....	1,689	14,978	155	524	.....	.....
McDonough.....	34,700	*698,858	10,464	*116,212	10	405
McHenry.....	35,065	1,376,404	1,133	15,341	599	19,302
McLean.....	97,423	3,194,978	15,974	122,475	871	100
Menard.....	7,244	.....	1,072	14,750	115	1,115
Mercer.....	39,156	1,230,925	6,362	68,891	40	5
Monroe.....	7,744	90,929	102	214	103	593
Montgomery.....	37,856	770,968	794	2,853	56	161
Morgan.....	.....	.....	.....	.....	.....	.....
Moultrie.....	20,210	450,654	471	1,132	.....	17
Ogle.....	73,864	2,501,230	6,035	86,654	3,906	97,197
Peoria.....	37,207	1,169,745	7,908	84,343	.....	65
Perry.....	10,204	*222,475	77	*944	13	*120
Piatt.....	21,132	465,715	1,691	9,006	20	100
Pike.....	11,223	198,272	1,165	1,805	6	.....
Pope.....	3,742	*33,667	.....	.....	.....	.....
Pulaski.....	950	16,236	70	769	45	.....
Putnam.....	8,866	318,957	1,479	17,923	.....	.....
Randolph.....	14,846	314,893	169	393	130	973
Richland.....	10,613	202,520	698	1,949	.....	.....
Rock Island.....	24,069	694,386	5,520	29,298	81	1,129
Saline.....	3,237	33,107	105	9	15	4
Sangamon.....	25,418	582,271	2,916	15,971	155	170
Schuyler.....	10,277	259,724	1,366	7,410	.....	.....
Scott.....	1,342	27,574	357	860	.....	.....
Shelby.....	35,776	719,836	1,042	6,209	6	170
Stark.....	24,122	853,050	2,495	.....	3	23,787
St. Clair.....	19,456	505,931	75	2,007	490	5,968
Stephenson.....	48,555	1,635,678	16,461	261,970	9,569	214,769
Tazewell.....	41,834	220,228	4,723	34,233	50	150
Union.....	4,421	55,349	244	271	72	66
Vermilion.....	30,682	1,124,656	2,041	15,033	.....	56
Wabash.....	3,208	52,627	104	66	10	125
Warren.....	42,916	1,196,867	5,914	45,416	311	80
Washington.....	23,781	*681,527	258	*3,485	22	*220
Wayne.....	14,490	204,430	92	153	.....	10
White.....	6,392	76,603	55	152	.....	32
Whiteside.....	39,640	*1,148,195	15,934	*155,162	343	*5,354
Will.....	84,132	2,934,725	3,807	47,439	14	635
Williamson.....	3,686	33,100	86	152	.....	.....
Winnebago.....	52,974	1,592,955	9,829	117,579	808	25,587
Woodford.....	55,127	1,534,103	4,728	28,795	6	.....
Total.....	2,722,432	73,885,306	270,961	2,607,642	26,849	487,307

\*Estimated.

## Assessors' Returns for 1883—Continued.

Counties.	TIMOTHY MEAD'W.		CLOVER MEADOW.		PRAIRIE MEADOW.		HUNGARIAN AND MILLET.	
	Acres.	Tons produced.	Acres.	Tons produced.	Acres.	Tons produced.	Acres.	Tons produced.
Adams.....	24,934	16,192	5,358	5,035	76	5	183	33
Alexander....	410	239	887	303	.....	.....	49	8
Bond.....	10,224	7,556	546	434	19	3	528	357
Boone.....	17,745	25,515	3,751	4,246	6,922	7,704	92	82
Brown.....	9,331	14,087	5,161	2,787	98	44	26	16
Bureau.....	42,099	65,737	913	1,120	11,028	12,148	61	87
Calhoun.....	2,043	1,220	.....	1,653	.....	.....	.....	.....
Carroll.....	25,102	30,835	5,784	8,896	1,971	2,740	264	42
Cass.....	2,985	4,645	158	10	.....	25	90	142
Champaign....	44,828	48,540	407	491	2,114	396	224	.....
Christian.....	37,681	47,481	304	215	105	12	105	86
Clark.....	24,565	30,847	2,081	795	.....	.....	14	6
Clay.....	14,574	8,873	695	411	3,098	4,804	185	111
Clinton.....	11,808	9,620	982	1,121	63	.....	315	282
Coles.....	20,923	30,676	861	633	92	20	291	262
Cook.....	34,275	39,846	691	248	74,987	63,832	1,359	5,435
Crawford.....	13,531	12,705	1,267	1,421	35	10	4	.....
Cumberland....	17,949	15,704	259	147	105	.....	40	6
DeKalb.....	48,062	79,894	4,659	2,494	33,281	22,652	292	329
DeWitt.....	15,327	*17,771	546	*209	331	*217	41	*36
Douglas.....	25,592	26,831	406	187	442	42	364	399
DuPage.....	22,881	35,154	664	669	18,700	19,121	492	2,810
Edgar.....	36,502	39,723	1,762	668	164	12	81	42
Edwards.....	4,721	5,991	3,221	3,090	3,604	3,897	42	.....
Effingham....	20,464	18,619	70	65	259	169	67	.....
Fayette.....	16,574	14,910	1,105	542	296	184	225	113
Ford.....	30,697	24,783	195	51	2,873	1,342	339	76
Franklin.....	758	*265	172	*106	.....	.....	10	*4
Fulton.....	22,284	38,226	14,764	16,127	56	840	90	64
Gallatin.....	3,000	5,200	3,400	10,140	.....	.....	.....	.....
Greene.....	13,733	17,724	3,245	1,891	300	12	145	35
Grundy.....	25,291	23,613	162	213	16,710	12,808	466	274
Hamilton.....	5,177	7,146	2,128	1,658	52	.....	16	.....
Hancock.....	40,943	46,875	4,430	3,471	231	375	212	83
Hardin.....	814	105	1,568	183	.....	.....	38	.....
Henderson....	12,816	*14,439	701	*533	617	*582	57	*132
Henry.....	40,910	61,603	2,790	2,426	11,998	14,571	216	179
Iroquois.....	65,924	63,539	685	434	8,932	7,154	1,605	657
Jackson.....	3,109	4,338	10,559	8,013	47	34	109	16
Jasper.....	18,669	15,849	518	136	254	45	43	42
Jefferson....	10,089	7,046	629	838	668	368	292	371
Jersey.....	6,983	*7,231	3,309	*1,566	5	.....	57	*86
JoDavieess....	32,095	46,020	6,896	6,505	2,105	2,627	14	.....
Johnson.....	1,246	1,295	7,030	4,553	22	21	84	14
Kane.....	38,255	60,758	2,011	5,614	14,952	19,192	310	2,840
Kankakee.....	43,110	42,721	879	447	20,489	18,340	652	147
Kendall.....	23,256	31,752	1,924	1,468	6,736	5,277	55	.....
Knox.....	47,543	65,939	3,516	2,836	164	220	105	47
Lake.....	19,187	34,091	8,868	4,239	22,342	21,733	723	830
LaSalle.....	61,103	83,478	2,305	2,391	25,427	18,440	159	1,772
Lawrence....	10,524	10,070	3,631	2,087	51	.....	135	104
Lee.....	34,040	.....	23,679	.....	13,720	.....	1,890	.....



*Assessors' Returns for 1883—Continued.*

Counties.	TIMOTHY MEAD'W		CLOVER MEADOW		PRAIRIE MEADOW.		HUNGARIAN AND MILLET.	
	Acres.	Tons produced.	Acres.	Tons produced.	Acres.	Tons produced.	Acres.	Tons produced.
Livingston.....	63,436	61,934	1,177	1,014	13,396	11,250	1,053	576
Logan.....	15,757	22,507	178	136	450	333	114	14
Macon.....	25,763	28,684	609	586	956	26	75	35
Macoupin.....	29,122	31,678	1,866	2,218	3	45	317	211
Madison.....	15,185	21,910	2,600	15,076	.....	.....	596	10,109
Marion.....	19,067	14,450	548	146	537	1,647	679	657
Marshall.....	25,000	.....	2,000	.....	1,500	.....	300	.....
Mason.....	.....	.....	.....	.....	.....	.....	.....	.....
Massac.....	2,094	1,638	2,301	1,254	.....	.....	.....	.....
McDonough.....	20,053	*22,585	2,723	*1,469	.....	.....	37	*237
McHenry.....	29,906	52,722	8,669	11,315	23,155	28,971	998	1,479
McLean.....	57,882	80,323	3,940	3,304	1,347	630	42	150
Menard.....	23,265	21,305	2,520	3,010	1,645	.....	500	1,503
Mercer.....	30,496	44,263	1,186	1,130	2,925	1,030	263	122
Monroe.....	2,630	3,791	7,777	5,586	21	.....	19	.....
Montgomery.....	31,530	26,354	981	250	35	.....	288	176
Morgan.....	.....	.....	.....	.....	.....	.....	.....	.....
Moultrie.....	14,412	13,901	683	254	205	52	240	246
Ogle.....	33,438	47,253	12,357	15,000	6,294	6,934	245	541
Peoria.....	25,310	39,757	6,366	5,590	515	489	37	24
Perry.....	4,967	*2,694	1,316	*579	.....	.....	132	*183
Piatt.....	14,650	11,550	615	231	287	103	153	63
Pike.....	13,049	14,948	6,215	2,882	2,006	10	201	67
Pope.....	1,382	*783	3,131	*787	121	*64	70	*88
Pulaski.....	948	965	2,540	1,442	.....	.....	75	166
Putnam.....	6,779	11,159	589	185	322	.....	5	.....
Randolph.....	5,334	5,734	7,761	7,112	.....	.....	551	451
Richland.....	15,179	11,982	1,662	906	1,172	1,516	85	10
Rock Island.....	19,979	29,691	2,086	2,691	8,732	11,878	125	79
Saline.....	3,210	3,538	3,832	1,720	.....	200	.....	.....
Sangamon.....	33,158	48,210	830	461	38	949	122	54
Schuyler.....	11,524	17,576	7,303	5,590	52	3	109	3
Scott.....	3,093	3,387	200	138	.....	.....	47	8
Shelby.....	39,461	35,317	898	431	69	46	202	302
Stark.....	12,528	35,085	1,189	398	505	729	92	51
St. Clair.....	10,219	12,767	9,979	9,222	85	.....	112	138
Stephenson.....	17,195	35,966	15,055	14,656	5,411	5,538	165	171
Tazewell.....	23,543	33,403	3,264	4,121	1,900	719	52	42
Union.....	2,288	83,015	6,672	6,404	15	.....	2,110	932
Vermilion.....	48,343	55,841	1,363	590	924	269	608	734
Wabash.....	4,078	3,439	4,435	3,072	138	.....	12	.....
Warren.....	28,746	43,121	1,122	1,167	194	62	70	20
Washington.....	4,986	5,226	2,115	188	22	32	562	454
Wayne.....	11,183	10,559	2,886	1,532	16,612	11,125	33	.....
White.....	6,311	4,754	10,883	4,860	1	13	38	16
Whiteside.....	28,578	*39,747	4,015	*4,811	15,693	*18,694	169	.....
Will.....	53,577	66,120	4,146	6,249	33,461	33,060	603	49
Williamson.....	3,440	3,284	8,310	7,096	2	.....	11	.....
Winnebago.....	20,685	33,972	10,190	11,467	6,319	8,081	169	238
Woodford.....	21,274	29,333	5,363	3,719	2,132	1,528	42	35
Total.....	2,090,719	2,601,538	340,978	191,841	455,738	408,072	25,784	38,871

\*Estimated.

*Assessors' Returns for 1883—Continued.*

Counties.	BUCKWHEAT.		CASTOR BEANS.		BEANS.		PEAS.	
	Acres.	Bushels produced.	Acres.	Bushels produced.	Acres.	Bushels produced.	Acres.	Bushels produced.
Adams	38	1,707		2	4	1,039	7	1,675
Alexander					3			200
Bond	2	91			4	77	1	5
Boone	173	832			26	111	6	2
Brown	105	212			1	304	2	
Bureau	10	269			6	92	1	
Calhoun								
Carroll	203	481			3	51		25
Cass		50					1	
Champaign	41	284			2	36	4	5
Christian	8	38			1	32	1	
Clark	78	3,236	2		86	884		23
Clay	48	156		190	51	246		44
Clinton			45	200	2	16	4	
Coles	10	16	1		4	153	3	55
Cook	21	158	1		22	244	51	2,335
Crawford	48	1,708		1	17	573		
Cumberland	72	716	3		59	1,134		40
DeKalb	81	2,138			15	93		40
DeWitt	13	*178			3	*20	15	*100
Douglas		50		7	5			
Dut'age		155			2	8		
Edgar	6	152			1	198		50
Edwards					1			
Effingham	56	106			11	191	2	100
Fayette	20	431			29	91	2	90
Ford	2				8		2	
Franklin			10	*60				
Fulton	157	1,819			2	267	1	2
Gallatin								
Greene	10	15			5	91	2	
Grundy	22	381			14	45	2	6
Hamilton			22			35		
Hancock	173	6,313	2		14	225	29	80
Hardin								
Henderson	10	*847			4	*10		
Henry	13	190	1			59	5	90
Iroquois	159	1,181		5	2	79	3	160
Jackson	21	137		5	8	30	25	64
Jasper	45	199			48	230	1	1
Jefferson	2		10	558	17		8	
Jersey							1	
JoDavless	142	1,109			13	79	27	208
Johnson			3		9		39	20
Kane	82	623			2	61		150
Kankakee	102	1,121		20	13	41		
Kendall	32	316			2	35		
Knox	38	262			3	31		15
Lake	87	895			33	164	15	53
LaSalle	22	282	1		480		3	40
Lawrence	87	242		100	15	178	1	
Lee	121		15		5			

*Assessors' Returns for 1883—Continued.*

Counties.	BUCKWHEAT.		CASTOR BEANS.		BEANS.		PEAS.	
	Acres.	Bushels produced.	Acres.	Bushels produced.	Acres.	Bushels produced.	Acres.	Bushels produced.
Livingston.....	73	645			5	52	1	4
Logan.....	4						1	60
Macon.....	1				1	54	1	22
Macoupin.....	10	212		3	24	90		15
Madison.....		11				20		
Marion.....	10	203	9		40	85	2	
Marshall.....	100				20		5	
Mason.....								
Massac.....					2		17	224
McDonough.....	73	*2,769						
McHenry.....	144	3,431	1	41	24	308		
McLean.....	12	119			6	216	8	282
Menard.....	16	175						
Mercer.....	80	775			2	91		
Monroe.....								
Montgomery.....	9	231				16		
Morgan.....								
Moultrie.....	3					29		60
Ogle.....	47	478			8	286	2	233
Peoria.....	11	501			2	57	5	
Perry.....					1	*110		
Piatt.....	6	16						
Pike.....	5	85		356	3	22		5
Pope.....					2		4	*175
Pulaski.....			21		70	2,700	99	3,775
Putnam.....								
Randolph.....	13	20	28			150	1	100
Richland.....	30	176			4	44	6	29
Rock Island.....	20	40	5		12	152	1	4,195
Saline.....	6	7	4	5	2	2	2	27
Sangamon.....	4	93				330		495
Schuyler.....	29	593			4	39		
Scott.....	3				12			
Shelby.....	18	176		5		57		10
Stark.....	11	37			1			
St. Clair.....		139		110	43	6	61	50
Stephenson.....	80	535			22	135		52
Tazewell.....	16	288			1	2	1	20
Union.....	10	21			4	82	2	50
Vermilion.....	39	510		3	11	593	2	145
Wabash.....	7		4			16		
Warren.....	17	458			5			
Washington.....		53	59		1	12	7	30
Wayne.....	54	324	96	9	65	198	4	
White.....	11	4			53	97	2	50
Whiteside.....	88	*1,810			10	*101		
Will.....	10	32			6	65	1	550
Williamson.....	2		81		17	69	16	72
Winnebago.....	56	522	9	16	28	378	4	811
Woodford.....	3	75			5		43	
Total.....	3,491	44,660	433	1,696	1,091	13,917	562	17,218

\* Estimated.



*Assessors' Returns for 1883—Continued.*

Counties.	IRISH POTATOES.		SWEET POTATOES.		TURNIPS AND OTHER ROOT CROPS.	
	Acres .....	Bushels produced.....	Acres .....	Bushels produced.....	Acres .....	Value of crop produced....
Adams .....	1,793	90,641	130	7,318	92	\$865
Alexander .....	329	17,883	24	361	4	18,355
Bond .....	434	40,249	13	516	35	905
Boone .....	786	60,473			1	151,575
Brown .....	450	24,992	3	282	11	724
Bureau .....	1,845	149,548	1	9,073	93	104
Calhoun .....		11,125				
Carroll .....	1,414	74,899			3	750
Cass .....	130	19,125	19	137	10	312
Champaign .....	2,065	200,628	7	670	10	70
Christian .....	1,185	106,370	25	723	213	2,882
Clark .....	478	41,449	178	991	17	72
Clay .....	487	28,442	5	964	17	1,077
Clinton .....	879	68,878	6	429		2,904
Coles .....	824	61,718	5	710	10	295
Cook .....	10,146	917,176	5		936	17,275
Crawford .....	493	29,522	10	1,155	6	106
Cumberland .....	338	30,790	12	510	1	174
DeKalb .....	1,651	141,234			7	550
DeWitt .....	455	*25,305	35	*433	3	*656
Douglas .....	269	48,081	2	35		55
DuPage .....	3,788	36,294	9		3	1,270
Edgar .....	657	52,495	13	930	15	1,087
Edwards .....	282	23,703	4	37	7	
Effingham .....	829	49,439	2	400		280
Fayette .....	426	40,489	8	1,339	9	812
Ford .....	552	45,423				
Franklin .....	8	*922				
Fulton .....	1,225	108,390	32	1,342	118	735
Gallatin .....	500	3,950	100	8,975		
Green .....	535	24,488	16	1,029	35	2,904
Grundy .....	739	52,332	1	20	10	400
Hamilton .....	205	24,084	9	3,050	6	243
Hancock .....	1,129	85,546	16	727	65	1,278
Hardin .....	1,160	20,136	31			
Henderson .....	298	*13,919	18	*1,175	2	*1,651
Henry .....	1,413	135,429	2	48	7	1,421
Iroquois .....	1,829	179,064	4	364	12	1,501
Jackson .....	569	26,325	108	8,174	112	365
Jasper .....	442	38,193	5	366	65	35,223
Jefferson .....	430	33,099	24	1,470	24	973
Jersey .....	477	*17,437	8	*826	19	*886
JoDavless .....	1,658	124,813		40	18	1,309
Johnson .....	410	7,701	90	6,907	79	546
Kane .....	1,376	139,872	166		14	1,635
Kankakee .....	1,305	108,722	2		16	356
Kendall .....	592		2		19	125
Knox .....	1,457	140,998	24	121	3	119
Lake .....	1,687	110,674	1		62	4,110
LaSalle .....	3,087	233,811	2	63	17	331
Lawrence .....	486	16,482	7	3,128	31	12
Lee .....	2,601		11		96	
Livingston .....	2,341	190,657	4	57	35	116,469

## Assessors' Returns for 1883—Continued.

Counties.	IRISH POTATOES.		SWEET POTATOES.		TURNIPS AND OTHER ROOT CROPS.	
	Acres .....	Bushels produced.....	Acres .....	Bushels produced.....	Acres .....	Value of crop produced.....
Logan .....	1,130	91,383	18	1,668	23	\$170
Macon .....	1,235	9,507	13	2,975	8	457
Macoupin .....	1,043	44,768	17	947	34	200
Madison .....	8,412	462,102	94	12,651	45	940
Marion .....	342	21,906	3	546	60	608
Marshall .....	1,000		5		5	
Mason .....						
Massac .....	164	18,414	15	3,629	2	681
McDonough .....	550	*27,264	2	*720	27	*3,161
McHenry .....	1,756	147,744			25	1,259
McLean .....	1,636	176,015	4	810	37	3,737
Menard .....	311	18,100	65	3,285	278	
Mercer .....	1,130	103,191	17	1,112	3	
Monroe .....	1,048	83,586		112	82	
Montgomery .....	1,108	59,081	7	419	12	171,251
Morgan .....						
Moultrie .....	383	26,760	1	69	9	52
Ogle .....	1,763	171,112	8	878	9	1,081
Peoria .....	1,699	136,644	19	463	40	1,885
Perry .....	391	*25,774	19	*2,155	6	*4,681
Piatt .....	980	42,853		40	8	300
Pike .....	633	31,875	5	2,625	8	182
Pope .....	1,334	*58,659	1	*20		
Pula-ki .....	455	26,875	252	28,300	36	400
Putnam .....	246	16,460				
Randolph .....	872	72,082	45	2,975	28	900
Richland .....	575	29,139	8	233	7	120
Rock Island .....	2,519	233,779	5	128	64	2,436
Saline .....	115	7,610	24	1,734	135	80
Sangamon .....	1,315	99,641	31	723	155	2,352
Schuyler .....	539	32,023	5	358	7	875
Scott .....	159	2,260	1	21	2	
Shelby .....	944	81,094	5	1,178	42	187
Stark .....	439	47,438		60		25
St. Clair .....	4,204	391,490	48	1,365	58	2,050
Stephenson .....	1,822	121,861	2	10	11	151
Tazewell .....	1,023	114,365	153	8,337	33	
Union .....	487	9,818	397	457	159	2,170
Vermilion .....	1,122	127,141	12	1,150	181	247,211
Wabash .....	352	7,669	6	64	5	24
Warren .....	680	73,510		20	6	142
Washington .....	833	64,569	13	1,458	22	750
Wayne .....	673	28,799	18	748	31	209
White .....	618	20,432	36	3,158	16	176
Whiteside .....	1,400	*88,684	15	*313	19	*1,700
Will .....	2,912	22,961			90	4,390
Williamson .....	299	12,198	104	572	129	1,704
Winnebago .....	1,467	124,903	1	50	31	2,340
Woodford .....	942	53,706	3		5	
Total .....	116,004	7,940,660	2,696	153,431	4,361	\$836,784

*Assessors' Returns for 1883—Continued.*

Counties.	HEMP.		COTTON.			FLAX.		
	Acres.....	Pounds of fibre produced.....	Acres.....	Pounds of lint produced.....	Bushels of seed produced.....	Acres.....	Pounds of fibre produced.....	Bushels of seed produced.....
Adams.....								
Alexander.....								
Bond.....							75	
Boone.....								80
Brown.....								
Bureau.....								
Calhoun.....								
Carroll.....								6
Cass.....								
Champaign.....		3,720				1,499	43	8,526
Christian.....						6		
Clark.....								50
Clay.....		3				165		162
Clinton.....								
Coles.....								
Cook.....						2,364	49,000	15,068
Crawford.....								
Cumberland.....								
DeKalb.....						525	50,000	2,190
DeWitt.....								
Douglas.....						5		78
DuPage.....						1,048	156,680	6,302
Edgar.....						15		
Edwards.....								
Effingham.....						142		30
Fayette.....								
Ford.....	18	365				6,965	337,600	59,234
Franklin.....								
Fulton.....								
Gallatin.....								
Greene.....								
Grundy.....						335		950
Hamilton.....								
Hancock.....						1		
Hardin.....								
Henderson.....								
Henry.....								
Iroquois.....		18				7,619	581,216	53,373
Jackson.....								
Jasper.....	5					144		35
Jefferson.....			1			66		
Jersey.....								
JoDaviss.....						3		
Johnson.....								
Kane.....	1						720	156
Kankakee.....	2					865	125	3,954
Kendall.....								
Knox.....								
Lake.....		7				410		6,429
LaSalle.....								36
Lawrence.....								
Lee.....								
Livingston.....						3,770	680	25,934



*Assessors' Returns for 1883—Continued.*

Counties.	HEMP.		COTTON.			FLAX.		
	Acres. ....	Pounds of fibre produced....	Acres. ....	Pounds of lint produced....	Bushels of seed produced....	Acres. ....	Pounds of fibre produced....	Bushels of seed produced....
Logan.....								
Macon.....						15		
Macoupin.....								
Madison.....								
Marion.....						32		
Marshall.....								
Mason.....								
Massac.....								
McDonough.....						120		
McHenry.....						20		170
McLean.....						896	7,390	4,331
Menard.....								
Mercer.....								
Monroe.....								
Montgomery.....							120	2
Morgan.....								
Moultrie.....						52	30	30
Ogle.....						20		269
Peoria.....						15		
Perry.....								
Piatt.....						661		5,625
Pike.....		22						
Pope.....								
Pulaski.....								
Putnam.....								
Randolph.....								
Richland.....						15		
Rock Island.....								
Saline.....		100						136
Sangamon.....								100
Schuyler.....								
Scott.....								
Shelby.....								
Stark.....								
St. Clair.....						1		
Stephenson.....								108
Tazewell.....						4		
Union.....								
Vermilion.....		248				1,187	545,015	21,499
Wabash.....								
Warren.....								
Washington.....								
Wayne.....						67		48
White.....			5					
Whiteside.....								
Will.....						286	62	3,266
Williamson.....								
Winnebago.....								
Woodford.....								
Total.....	26	4,483	6			29,338	1,728,756	218,177

*Assessors' Returns for 1883—Continued.*

Counties.	TOBACCO.		BROOM CORN.		SORGHO.		OTHER CROPS NOT NAMED.	
	Acres.	Pounds pro- duced.	Acres.	Pounds pro- duced.	Acres,	Gallons syrup made.	Acres.	Value of crop pro- duced.
Adams.....	25	100	33	.....	330	18,658	253	\$3,195
Alexander.....	.....	.....	.....	.....	148	3,276	68	.....
Bond.....	5	490	1	600	81	8,016	164	80
Poone.....	12	7,000	195	40,000	9	.....	336	.....
Brown.....	3	485	1	.....	13	12,459	19	.....
Bureau.....	1	.....	8	2,700	89	8,928	8	.....
Calhoun.....	.....	.....	.....	.....	.....	.....	.....	.....
Carroll.....	18	1,050	6	.....	27	948	249	400
Cass.....	.....	.....	.....	.....	9	1,738	.....	.....
Champaign.....	1	.....	993	463,000	583	18,300	80	5
Christian.....	1	1,420	.....	716	41	4,038	593	20
Clark.....	2	341	73	20,830	227	21,141	938	5
Clay.....	10	5,500	1	4	536	15,824	50	985
Clinton.....	1	1,180	.....	500	48	1,122	1	.....
Coles.....	1	1,005	10,841	4,189,240	229	17,700	17	500
Cook.....	19	11,500	.....	.....	21	.....	1,098	35,906
Crawford.....	51	70,731	15	3,250	245	23,163	.....	.....
Cumberland.....	1	1,759	290	181,795	252	23,614	32	932
DeKalb.....	.....	.....	.....	.....	3	15	486	670
DeWitt.....	1	*25	15	*5,100	30	*555	1,371	*1,981
Douglas.....	.....	25	10,401	3,137,906	65	7,737	.....	.....
DuPage.....	.....	.....	8	.....	.....	.....	510	.....
Edgar.....	2	1,684	1,060	194,800	68	25,398	18	258
Edwards.....	.....	1,125	.....	.....	169	12,973	.....	.....
Effingham.....	1	.....	2	.....	282	13,950	142	.....
Fayette.....	9	8,815	12	11	108	.....	.....	368
Ford.....	.....	.....	50	12,000	44	158	414	.....
Franklin.....	20	*9,460	.....	.....	1	*354	46	.....
Fulton.....	1	1,500	27	4,209	159	13,998	159	1,113
Gallatin.....	50	.....	.....	.....	300	45,000	.....	.....
Greene.....	1	90	.....	.....	162	10,709	718	1,303
Grundy.....	.....	.....	.....	.....	19	84	118	.....
Hamilton.....	190	246,062	.....	.....	203	17,938	.....	.....
Hancock.....	3	109	8	.....	250	22,192	43	1,100
Hardin.....	.....	.....	.....	.....	135	1,904	.....	.....
Henderson.....	.....	.....	.....	.....	103	*12,372	204	*409
Henry.....	1	8,200	5,939	1,679,870	144	13,129	217	225
Iroquois.....	.....	660	46	20,000	212	7,715	855	1,026
Jackson.....	5	1,345	.....	.....	139	5,914	22	50
Jasper.....	15	3,455	33	25,648	375	21,224	10	.....
Jefferson.....	7	2,600	1	100	163	.....	17	3
Jersey.....	1	*550	.....	.....	34	*2,764	385	*2,231
JoDavies.....	406	219,710	.....	500	37	1,029	27	780
Johnson.....	49	21,883	22	.....	384	9,178	20	.....
Kane.....	.....	.....	.....	.....	3	40	78	315
Kankakee.....	1	.....	28	.....	64	2,743	301	3,200
Kendall.....	.....	.....	.....	.....	.....	258	17	.....
Knox.....	.....	.....	1,098	420,735	141	11,912	415	410
Lake.....	4	.....	4	.....	35	2,759	389	5,425
LaSalle.....	.....	233	15	6,000	67	5,637	176	110
Lawrence.....	6	645	7	785	211	15,653	400	6,495
Lee.....	60	.....	.....	.....	.....	.....	421	.....
Livingston.....	.....	.....	10	3,900	135	8,025	.....	31,727

*Assessors' Returns for 1883—Continued.*

Counties.	TOBACCO.		BROOM CORN.		SORGHO.		OTHER CROPS NOT NAMED.	
	Acres.	Pounds pro- duced.	Acres.	Pounds pro- duced.	Acres.	Gallons syrup made.	Acres.	Value of crop pro- duced.
Logan .....		300	55		29	9,609	92	\$1,734
Macon .....	1	240	10	10,047	28	4,111	134	900
Macoupin .....	1	590	30	11,000	148	12,109	315	400
Madison .....	4	360	20		198	7,207	100	19,400
Marion .....	7	2,690	38	1,800	119	9,784	57	
Marshall .....					45		500	
Mason .....								
Massac .....	38	23,410			139	11,743	19	13,614
McDonough .....	1	*425	25	*8,950	111	*4,811		
McHenry .....	5		15	1,005	64	4,479	795	30,401
McLean .....		500	5	7,050	71	5,495	253	9,367
Menard .....					192	10,225	177	
Mercer .....		20	669	914,200	230	13,310	81	
Monroe .....				150	74	1,711	45	150
Montgomery .....	1	2,728	10	6,000	174	11,956	699	30
Morgan .....								
Moultrie .....		100	648	39,250	173		160	
Ogle .....			8		39	2,920	132	500
Peoria .....		5	30	18,000	239	31,401	22	1,250
Perry .....	2	*2,300						
Piatt .....			225	13,844	16	490		
Pike .....	7		16	1,523	69	9,316	36	85
Pope .....	1	*300			306	*11,894	157	
Pulaski .....	12	13,800			161	13,000	23	2,000
Putnam .....			5	700	22	716	335	
Randolph .....	5	2,000	10		188	16,324	20	
Richland .....	3	615	19	4,200	317	10,220	611	
Rock Island .....			12		44	2,958	31	610
Saline .....	912	420,839	14	3,540	396		61	
Sangamon .....		170	1	10,880	58	7,658	25	1,850
Schuyler .....	1	3,000	25	3,500	162	16,836	5	
Scott .....	1				51	40		
Shelby .....	5	240	71	4,250	177	15,263	516	72
Stark .....			6	12,000	67	5,978	620	
St. Clair .....	1	50	40	2,000	64	4,697	570	21,625
Stephenson .....	166	124,331	215	200	43	2,799	43	4,652
Tazewell .....			1		59	1,350	7	73
Union .....	5	325	1		190	6,233	231	29,049
Vermilion .....	6	2,789	79	250	596	13,332	460	2,175
Wabash .....	1	100	23		136	3,473	38	
Warren .....			160	10,000	106	14,477	90	
Washington .....	19	667		675	162	15,549	111	190
Wayne .....	22	10,730	1	400	588	19,596		25
White .....	68	32,190	11	1,231	390	13,805	1	150
Whiteside .....	3	*6,810			68	*3,258	402	*1,761
Will .....			4	10,000	5	187	19	8,190
Williamson .....	808	266,541			492	18,215	10	10
Winnebago .....	2	6,000	177	9,000	29	1,448	261	5,668
Woodford .....					30	1,635	174	1,590
Total .....	3,092	1,555,902	33,922	11,520,944	14,023	843,865	19,793	\$258,748

\* Estimated.



## Assessors' Returns for 1883—Continued.

Counties.	APPLE ORCH- ARDS.		PEACH ORCH- ARDS.		PEAR ORCH- ARDS.		VINEYARDS.		FRUITS AND BERRIES NOT INCLUDED IN ORCHARDS.	
	Acres.	Bushels pro- duced.	Acres	Bushels pro- duced.	Acres	Bushels pro- duced.	Acres	Gallons wine pro- duced.	Acres	Value of crop pro- duced.
Adams	5,905	86,884	116	10	14	19	872		99	\$11,475
Alexander	418	4,000	17	20	1	2	2			
Bond	2,506	119,851	28		1	38	17	160	6	85
Boone	1,636	3,068					1		304	110
Brown	1,914	33,154	54	50		2	6		5	2,418
Bureau	9,394	58,072	5		6	15	28	1,185	33	2,185
Calhoun	2,869	106,905					61			
Carroll	2,554	6,362					5	235	12	
Cass	808	18,925	51	10	3		8	75		
Champaign	6,305	135,476	84	20	1		19		33	1,094
Christian	5,696	129,198	393	180	2		12		28	870
Clark	2,438	71,971	43	100			9		1	18
Clay	1,889	103,983	52	224	11	20	5		13	1,555
Clinton	2,745	114,229	31	833	2	44	32	1,008	266	30
Coles	2,384	112,398	192		1		1		2	
Cook	3,484	23,809	12	388	2	70	29	210	11	50
Crawford	1,810	84,676	27	489	1	50		3	14	
Cumberland	1,454	49,052	69				3		4	390
DeKalb	4,767	25,741	2				3		3	515
DeWitt	2,127	*8,783	71	*2,641	3	*12	5		4	*70
Douglas	2,372	122,523	42	100			14		16	
DuPage	2,809	9,821					19		20	355
Edgar	3,742	94,624	75	5	7	275	15		11	1,292
Edwards	1,545	53,193	13	1,374				10		345
Effingham	1,610	80,185	87	768			4	12	47	
Fayette	2,627	149,353	94	19		33	19		53	3,645
Ford	2,567	18,019	17		1				8	
Franklin	224	*8,285	6	*400					1	*412
Fulton	4,457	83,972	196	23	5	20	25	247	95	2,985
Gallatin	8,090	165,500	2,000	64,000						
Greene	2,491	52,516	78	201	1	100	15		14	1,300
Grundy	2,828	38,141	1	200			2		34	245
Hamilton	1,896	107,891	29	11,560	4					
Hancock	5,418	96,778	120	10	12		272		2	1,419
Hardin	541	1,020	75	230	3					
Henderson	1,561	*14,525	21	*377			8	*720	8	*319
Henry	4,388	39,655	1					10	21	573
Iroquois	4,552	100,339	51	46	4	6	14	162	11	2,483
Jackson	3,853	157,712	557	17,249	44	1,403	26	65	354	14,862
Jasper	1,251	62,014	46	103			5	40	35	
Jefferson	3,063	173,431	55		5	48	3	357	16	2,313
Jersey	1,955	*52,237	43	*1,870	2	*40	65	*1,935	25	*1,752
Jo Daviess	1,935	10,152		220	2		46	3,503	40	3,575
Johnson	1,855	30,050	377	10,520					105	2,773
Kane	2,468	17,634	219				2	20	20	650
Kankakee	2,624	51,353					20	100		384
Kendall	3,136	19,330	14							275
Knox	4,224	46,735	17		1		26		96	625
Lake	2,614	28,815	8		2	20	11	56	16	750
LaSalle	6,799	95,609	26	10		66	11	91	25	1,935
Lawrence	2,241	63,765	58	969		25	20	65	15	358
Lee	4,014						118		105	
Livingston	4,512	111,543	84		1		48	1,904	10	9,073

## Assessors' Returns for 1883—Continued.

Counties.	APPLE ORCH- ARDS.		PEACH ORCH- ARDS.		PEAR ORCH- ARDS.		VINEYARDS.		FRUITS AND BERRIES NOT INCLUDED IN ORCHARDS.	
	Acres.	Bushels pro- duced.	Acr's	Bushels pro- duced.	Acr's	Bushels pro- duced.	Acr's	Gallons wine pro- duced.	Acr's	Value of crop pro- duced.
Logan .....	3,665	41,273	81	45			13		1	\$2,120
Macon .....	3,715	121,577	57		1	30	43	455,480	17	1,052
Macoupin .....	4,947	145,330	91		7	126	6		17	1,535
Madison .....	5,862	218,402	236	28,296	81	1,502	226	4,050	23	40,215
Marion .....	3,689	214,293	157	1,945	1	26	2		219	14,982
Marshall .....	3,000		50		20		300		10	
Mason .....										
Massac .....	1,039	7,311	61	2,150	1	60	1			845
McDonough .....	3,148	*29,549	81	*346	2		16	*160	3	*518
McHenry .....	2,648	6,263	1			2	19	2,910	103	1,947
McLean .....	7,607	83,297	37	73	12		33	157	122	953
Menard .....	1,653		22		4		17		8	
Merced .....	3,162	33,772		15	2		19	200	14	707
Monroe .....	1,342	23,732	2				110	4,961		
Montgomery .....	5,029	125,630	205		4		16	22	31	
Morgan .....										
Moultrie .....	1,609	46,091	106	30			8		8	1
Ogle .....	3,226	17,599	2				4	10,709	1	730
Peoria .....	2,273	26,783	12				21	940	30	405
Perry .....	1,417	*47,805	23	*1,120	5	*77	10	*2,530	40	*63
Piatt .....	2,080	26,022	21	394	1		11	50	13	
Pike .....	4,070	117,382	16		1		24	4	1	120
Pope .....	1,413	*53,288	540	*11,891	5	*175				
Pulaski .....	1,198		163		64		128		355	37,400
Putnam .....	792	17,134	3					160		
Randolph .....	2,822	107,555	152	1,932	3	200	31	850	5	600
Richland .....	2,433	92,656	17	146	1	30	6		1	
Rock Island .....	3,036	34,799	6		2		75	1,580	49	1,985
Saline .....	902	27,486	168	4,311	11	5	32		6	2
Sangamon .....	4,040	117,969	45	685	20	50	16	590	58	2,262
Schuyler .....	2,317	46,254	39				6		6	
Scott .....	495	11,216	20				5			
Shelby .....	4,170	135,164	183	25	7		15	140	6	155
Stark .....	1,040	5,833					3		6	10
St. Clair .....	3,775	111,420	85	268	5	15	245	11,269	3	1,378
Stephenson .....	3,698	4,159	189				3	70	35	855
Tazewell .....	3,147	29,881	12		3	50	16	149	10	1,276
Union .....	2,859	88,848	487	12,557	53	1,574			677	86,032
Vermilion .....	3,893	110,510	318	216	21	287	17		26	1,597
Wabash .....	1,340	34,432	15	206			4			1,150
Warren .....	2,279	29,700	7	50			1	1,003	3	100
Washington .....	2,263	172,704	4	1,118		82	3	30	93	1,700
Wayne .....	3,567	160,799	76	8,405		50	3			27
White .....	2,035	50,019	50	3,270	1	26	2	125	1	150
Whiteside .....	3,333	*57,508	35	*60					30	*2,442
Will .....	4,930	39,574					13	940	71	1,705
Williamson .....	2,372	137,527	80	9,848	2	126		1,000	11	86
Winneshago .....	2,768	5,467	234				1		375	5,285
Woodford .....	2,647	29,595	24				48	700	54	20
Total .....	298,130	6,501,815	9,770	204,621	483	6,805	3,500	512,952	4,583	\$287,974

\*Estimated.

## Assessors' Returns for 1883—Continued.

Counties:	UNCULTIVATED ACREAGE.						Total Acre as retd to State Auditor 1883, except as noted
	Pastures.	Wood- land.	Uncul- tivated land.	Area city and town real es- tate.	Total number of acres reported	Acres not reported	
Adams.....	51,200	55,502	37,154	6,797	395,801	132,204	*528,005
Alexander.....	346	14,913	3,909	.....	48,040	62,786	110,826
Bond.....	37,081	17,035	4,127	38	174,996	77,314	\$252,211
Boone.....	43,115	17,425	1,187	878	161,328	16,720	*178,048
Brown.....	24,970	49,562	14,574	200	173,273	16,974	†190,247
Bureau.....	10,843	20,478	32,375	2,717	461,071	87,260	†548,331
Calhoun.....	2,506	77,547	42,006	.....	168,051	.....	*166,213
Carroll.....	63,558	19,207	22,964	4,150	268,074	21,076	289,150
Cass.....	21,864	15,841	2,213	2	114,620	126,123	†240,743
Champaign.....	108,957	11,041	42,890	5,589	554,097	70,407	624,504
Christian.....	66,064	21,832	9,950	8,207	375,374	72,726	◊448,100
Clark.....	35,665	70,775	17,415	3,665	262,493	59,629	\$322,122
Clay.....	16,408	44,551	8,082	.....	172,592	110,645	◊283,237
Clinton.....	22,064	48,000	19,573	1,201	267,893	39,887	*307,780
Coles.....	48,143	22,455	11,433	30	217,453	104,366	\$321,819
Cook.....	84,836	12,555	12,458	6,730	359,545	154,547	*514,092
Crawford.....	25,351	41,346	43,697	940	218,138	57,463	*275,601
Cumberland.....	18,283	38,055	70,183	453	218,149	2,680	\$220,829
DeKalb.....	110,104	11,591	11,508	3,847	402,604	.....	*399,863
DeWitt.....	44,495	15,643	13,714	1,319	220,651	31,132	◊251,783
Douglas.....	56,518	8,995	5,198	8,862	211,533	53,964	265,497
DuPage.....	42,969	15,374	4,778	6,563	190,834	15,243	\$206,077
Edgar.....	84,100	28,252	14,496	170	249,402	149,198	*398,600
Edwards.....	8,772	24,871	42,084	940	141,082	.....	*140,598
Effingham.....	4,418	25,589	22,471	8,807	189,275	95,584	284,859
Fayette.....	20,336	34,605	27,764	616	230,723	187,879	◊418,602
Ford.....	36,665	1,658	24,675	41,029	303,694	11,065	†314,759
Franklin.....	784	653	457	.....	13,123	235,936	249,059
Fulton.....	64,430	97,344	39,241	16,776	445,972	104,001	*549,973
Gallatin.....	3,124	95,205	.....	.....	199,979	629	200,608
Greene.....	52,642	39,732	20,971	266	261,478	81,719	*343,197
Grundy.....	68,737	9,272	24,151	1,152	268,653	129	†268,782
Hamilton.....	17,156	147,768	34,920	890	268,370	5,592	\$273,962
Hancock.....	49,011	32,454	14,191	11,464	338,918	154,728	*493,644
Hardin.....	2,126	14,299	2,023	18,896	55,064	54,481	109,545
Henderson.....	61,845	41,095	20,603	1,094	239,558	.....	†238,818
Henry.....	111,757	10,632	25,604	.....	463,247	52,132	*515,379
Iroquois.....	102,677	12,335	15,296	1,890	529,897	175,621	*705,518
Jackson.....	6,025	137,489	15,499	416	254,672	71,297	*325,969
Jasper.....	15,460	46,954	9,468	.....	171,626	139,016	†310,642
Jefferson.....	23,505	78,230	9,911	918	233,744	106,764	340,508
Jersey.....	23,146	27,645	73,392	381	232,037	1,196	*233,233
JoDavies.....	63,250	57,672	37,919	2,211	307,442	69,909	*377,351
Johnson.....	4,539	20,855	29,990	21	120,889	88,974	209,863
Kane.....	91,773	20,523	2,114	3,467	268,171	54,964	\$323,135
Kankakee.....	65,213	6,073	39,872	1,424	334,323	86,861	◊421,184
Kendall.....	46,393	12,104	3,687	5,335	194,832	7,541	*202,373
Knox.....	129,020	35,081	13,455	5,025	436,089	12,328	†448,417
Lake.....	88,527	26,508	10,749	4,309	246,506	37,767	\$284,273
LaSalle.....	114,294	26,436	9,743	2,790	574,831	137,396	◊712,227
Lawrence.....	16,735	41,249	63,647	884	214,040	15,369	229,409
Lee.....	72,120	17,910	27,970	.....	406,075	60,444	466,519
Livingston.....	99,748	9,076	20,662	4,932	575,779	79,261	*655,040



## Assessors' Returns for 1883—Continued.

Counties.	UNCULTIVATED ACREAGE.						Total Acreage as reported to State Auditor 1882, except as noted...
	Pastures.	Wood-land.	Uncultivated land.	Area city and town real estate.	Total number of acres reported	Acres not reported	
Logan.....	58,097	13,650	7,797	129	320,317	72,512	*392,829
Macon.....	59,634	13,460	8,283	430	314,827	52,447	367,274
Macoupin.....	75,775	70,910	13,343	3,486	430,628	112,589	*543,217
Madison.....	60,068	74,570	24,304	17,000	445,662	2,952	*448,614
Marion.....	28,864	47,213	14,050	.....	221,941	120,147	342,088
Marshall.....	45,000	45,000	4,923	200	246,783	1,187	1247,970
Mason.....	.....	.....	.....	.....	.....	351,328	*351,328
Massac.....	1,723	31,228	3,211	.....	74,436	74,615	1149,051
McDonough.....	49,892	30,768	3,937	5,613	250,077	115,637	*365,714
McHenry.....	112,032	24,363	28,514	72,524	402,903	.....	*384,265
McLean.....	150,983	18,188	22,610	15,592	645,094	99,141	*744,235
Menard.....	36,088	15,324	8,744	802	199,782	.....	\$199,741
Mercer.....	82,056	21,362	33,334	1,885	317,510	30,313	1347,823
Monroe.....	6,644	52,306	5,205	.....	163,947	73,835	*237,782
Montgomery.....	66,413	47,579	48,908	5,277	442,905	.....	*442,073
Morgan.....	.....	.....	.....	.....	.....	353,352	*353,352
Moultrie.....	31,068	11,177	3,584	23,782	190,027	27,244	*217,271
Ogle.....	86,134	30,917	16,589	12,878	411,280	67,882	1479,162
Peoria.....	50,884	33,533	3,707	.....	261,690	125,237	1386,927
Perry.....	4,994	13,045	2,816	830	91,115	159,180	250,295
Piatt.....	40,773	5,189	13,551	577	202,496	85,583	*288,079
Pike.....	32,882	62,558	8,076	.....	304,042	208,466	*512,508
Pope.....	6,812	29,479	15,855	.....	104,095	128,871	1232,966
Pulaski.....	1,358	82,667	.....	.....	112,033	710	112,743
Putnam.....	22,538	18,495	18,776	.....	106,058	5	106,063
Randolph.....	10,590	65,880	5,632	.....	234,589	123,098	*357,687
Richland.....	19,689	39,544	15,322	.....	175,127	52,147	*227,274
Rock Island.....	53,478	15,275	17,290	7,058	216,432	50,596	*267,028
Saline.....	3,692	24,890	12,873	608	92,809	147,819	*240,628
Sangamon.....	108,935	21,919	8,840	3,160	431,948	117,728	549,676
Schuyler.....	27,863	64,686	81,305	3,398	286,361	.....	*279,898
Scott.....	11,936	9,739	1,919	.....	65,047	94,307	159,354
Stark.....	68,018	45,634	10,255	8,233	361,058	123,667	1484,725
Stark.....	33,784	3,688	2,112	930	145,402	35,658	*181,060
St. Clair.....	15,266	38,518	8,867	262	310,105	107,946	1418,051
Stephenson.....	63,200	21,825	7,132	873	303,227	54,013	*357,240
Tazewell.....	46,100	33,538	18,150	34,081	355,109	53,639	*408,748
Union.....	5,765	31,910	12,818	230	115,287	116,469	231,756
Vermilion.....	140,463	23,633	9,650	9,597	445,877	118,825	1564,702
Wabash.....	6,554	27,422	1,774	718	95,208	57,379	1152,587
Warren.....	102,121	20,327	13,542	3,801	334,086	5,715	1339,801
Washington.....	18,228	58,639	14,504	23,385	285,670	57,209	*342,879
Wayne.....	23,811	201,544	84,168	754	448,252	1,358	*449,610
White.....	13,744	95,437	41,757	528	276,831	36,983	1313,814
Whiteside.....	71,451	10,093	22,030	.....	318,093	114,319	1432,412
Will.....	109,158	13,224	20,986	11,322	464,680	60,325	525,005
Williamson.....	7,040	22,914	17,771	.....	123,350	133,489	256,839
Winnebago.....	66,500	21,643	11,365	5,994	289,678	32,424	\$322,102
Woodford.....	41,451	41,320	44,658	4,672	335,847	1,355	337,202
Total.....	4,663,217	3,575,445	1,928,250	476,860	27,175,822	7,550,626	34,694,172

\*Assessors' returns 1878.

\$Assessors' " 1879.

†Assessors' " 1880.

‡Assessors' " 1881.

°Assessors' " 1882.

## Assessors' Returns for 1883—Continued.

Counties.	HORSES AND COLTS	COLTS.	HORSES, ANY AGE, DIED OF DISEASE.	
	Total number May, 1883.	Number foaled, 1883.	Number, 1883.	Total value, 1883.
Adams .....	10,647	899	354	\$22,388
Alexander .....	5,684	236	26	1,665
Bond .....	5,571	677	250	13,970
Boone .....	5,571	690	169	10,244
Brown .....	5,268	428	222	7,889
Bureau .....	15,892	2,116	601	45,815
Calhoun .....	1,777	80	49	3,855
Carroll .....	7,732	771	167	9,704
Cass .....	5,374	371	153	11,273
Champaign .....	18,158	1,514	719	54,496
Christian .....	12,251	1,271	468	30,183
Clark .....	5,543	436	230	9,634
Clay .....				
Clinton .....	5,477	526	338	19,104
Coles .....	6,388	767	315	20,246
Cook .....	12,174	917	238	19,450
Crawford .....	4,993	375	163	11,423
Cumberland .....	3,829	369	196	12,420
DeKalb .....	13,471	1,616	404	25,641
DeWitt .....	3,716	*515	*269	*14,227
Douglas .....	6,554	703	376	23,118
DuPage .....	5,837	570	217	16,100
Edgar .....	10,233	1,034	509	35,225
Edwards .....	3,109	259	101	7,815
Effingham .....	4,829	465	278	15,558
Fayette .....	7,357	594	314	19,742
Ford .....	6,467	696	326	17,580
Franklin .....	583	*53	*17	*765
Fulton .....	15,206	1,837	536	33,890
Gallatin .....	4,123	395	85	5,000
Greene .....	8,151	830	257	16,975
Grundy .....	7,918	725	204	13,988
Hamilton .....	3,430	353	449	8,062
Hancock .....	1,570	1,351	481	28,769
Hardin .....	615	35	5	245
Henderson .....	6,452	*717	*322	*21,528
Henry .....	16,235	1,772	487	31,565
Iroquois .....	18,144	2,048	1,003	67,574
Jackson .....	3,697	301	168	8,563
Jasper .....	4,028	369	118	13,525
Jefferson .....	5,631	532	152	10,302
Jersey .....	5,501	*277	*188	*10,275
JoDavies .....	6,841	1,065	342	19,589
Johnson .....	2,322	183	123	9,345
Kane .....	8,777	904	222	18,970
Kankakee .....	7,135	767	433	23,966
Kendall .....	6,495	447	190	9,149
Knox .....	16,247	1,863	496	27,480
Lake .....		630	132	13,180
LaSalle .....	23,006	2,987	635	55,424
Lawrence .....	4,025	249	239	9,042
Lee .....				
Livingston .....	22,533	2,389	723	44,276

*Assessors' Returns for 1883—Continued.*

Counties.	HORSES AND COLTS	COLTS.	HORSES, ANY AGE, DIED OF DISEASE.	
	Total number May, 1883.	Number foaled, 1883.	Number, 1883.	Total value, 1883. .
Logan.....	11,479	1,161	383	\$27,080
Macon.....	12,071	1,198	400	30,084
Macoupin.....	13,606	1,300	600	34,957
Madison.....	11,811	737	326	23,182
Marion.....	6,752	298	245	15,013
Marshall.....				
Mason.....				
Massac.....	1,554	100	47	2,325
McDonough.....	9,589	*1,440	*527	*27,624
McHenry.....	9,519	1,188	251	16,742
McLean.....	27,276	3,283	915	70,957
Menard.....	3,866	550	215	5,165
Mercer.....	11,635	1,618	402	7,080
Monroe.....	3,063	139	115	9,327
Montgomery.....	2,929	1,145	400	27,788
Morgan.....				
Moultrie.....	5,901	593	202	14,400
Ogle.....	13,011	1,645	462	32,445
Peoria.....	9,449	1,053	325	21,959
Perry.....	2,381	*137	*80	*4,922
Piatt.....	6,808	416	242	20,835
Pike.....	8,461	618	251	18,295
Pope.....	2,395	*223	*85	*4,120
Pulaski.....	1,196	139	56	3,500
Putnam.....	3,487	458	71	9,596
Randolph.....	6,078	498	260	17,449
Richland.....	3,935	280	179	10,440
Rock Island.....	6,859	901	248	16,427
Saline.....	2,121	167	66	4,740
Sangamon.....	15,225	1,719	858	46,269
Schuyler.....	6,823	740	185	11,511
Scott.....	2,096	141	52	4,070
Shelby.....	11,314	896	333	19,749
Stark.....	6,507	772	199	13,685
St. Clair.....	9,437	810	464	30,200
Stephenson.....	10,667	1,125	385	27,693
Tazewell.....	10,864	1,294	443	35,830
Union.....	2,947	184	97	6,115
Vermilion.....	12,573	1,371	729	49,058
Wabash.....	2,425	90	59	3,480
Warren.....	12,924	2,128	485	32,456
Washington.....	6,845	724	293	20,944
Wayne.....	5,946	469	255	16,457
White.....	4,630	264	179	12,176
Whiteside.....	18,914	*1,221	*428	*25,411
Will.....	13,213	377	546	40,965
Williamson.....	7,585	230	77	4,823
Winnebago.....	9,590	1,315	405	23,538
Woodford.....	10,525	1,020	284	21,248
Total.....	765,852	80,152	29,638	\$1,902,442

\* Estimated.



## Assessors' Returns for 1883—Continued.

Counties.	CATTLE, ALL AGES.	FAT CATTLE SOLD.		CATTLE, ANY AGE, DIED OF DISEASE.	
	Total No. May, 1883	No. 1883.	Total gross wt. 1883.	No. 1883.	Total value, 1883.
Adams.....	23,105	3,359	4,089,996	372	\$13,874
Alexander .....	1,343	406	164,214	42	2,353
Bond .....	6,375	1,275	1,104,660	95	3,021
Boone .....	19,736	3,164	3,073,954	150	4,011
Brown .....	9,748	2,961	2,836,719	164	4,551
Bureau .....	42,650	13,096	14,290,513	675	17,093
Calhoun .....	2,999	245	180,150	78	2,390
Carroll .....	31,936	7,975	8,279,434	393	8,575
Cass .....	8,922	4,326	5,617,875	133	4,874
Champaign .....	32,657	8,751	9,385,360	365	18,475
Christian .....	23,955	8,065	8,620,787	315	8,887
Clark .....	12,414	1,908	1,700,284	160	3,589
Clay .....	4,446	4,446	1,581,325	.....	.....
Clinton .....	6,994	893	753,227	145	5,432
Coles .....	17,331	5,608	5,818,481	271	7,371
Cook .....	34,246	2,813	2,255,048	289	11,258
Crawford .....	8,524	1,702	1,319,942	142	12,721
Cumberland .....	7,633	1,253	1,114,817	148	3,145
DeKalb .....	51,301	9,501	9,630,550	534	17,815
DeWitt .....	6,555	*4,358	*4,194,050	*222	*5,568
Douglas .....	15,577	9,118	9,476,693	1,192	5,679
DuPage .....	20,058	2,854	2,825,925	252	7,868
Edgar .....	26,193	14,082	12,627,858	480	12,125
Edwards .....	6,857	683	579,626	101	5,056
Effingham .....	9,004	1,806	1,117,987	289	19,969
Fayette .....	10,703	2,006	1,385,437	155	3,671
Ford .....	10,992	2,540	2,716,384	154	4,951
Franklin .....	608	*134	*79,473	*6	*147
Fulton .....	36,639	10,211	10,854,370	898	22,437
Gallatin .....	6,000	2,560	1,200,000	75	550
Greene .....	25,581	7,569	6,853,688	315	9,637
Grundy .....	17,309	4,599	4,556,973	248	5,139
Hamilton .....	6,081	1,191	842,679	136	3,805
Hancock .....	28,752	8,852	9,137,090	553	13,341
Hardin .....	1,243	632	294,195	10	100
Henderson .....	16,290	*4,593	*5,528,492	*428	*9,885
Henry .....	42,517	10,923	116,513	779	20,903
Iroquois .....	41,198	10,708	11,204,564	961	16,827
Jackson .....	7,637	1,982	1,302,369	331	6,020
Jasper .....	8,392	1,738	1,438,573	192	9,757
Jefferson .....	8,270	1,576	1,228,432	161	2,777
Jersey .....	9,012	*1,497	*1,370,200	*171	*4,911
Jo Daviess .....	31,273	9,877	9,878,590	723	17,430
Johnson .....	4,109	3,276	1,453,449	201	17,352
Kane .....	43,575	7,963	7,299,425	587	18,317
Kankakee .....	22,050	7,019	4,841,860	353	7,486
Kendall .....	20,721	3,675	3,953,275	198	7,405
Knox .....	43,393	11,123	12,457,182	776	23,085
Lake .....	.....	2,515	2,182,642	216	12,953
LaSalle .....	51,040	15,127	15,566,194	1,613	24,755
Lawrence .....	7,613	1,546	1,251,282	220	4,674
Lee .....	.....	.....	.....	.....	.....
Livingston .....	36,268	7,578	7,996,758	540	10,966

*Assessors' Returns for 1883—Continued.*

Counties.	CATTLE, ALL AGES.	FAT CATTLE SOLD.		CATTLE, ANY AGE, DIED OF DISEASE.	
	Total No. May, 1883	No. 1883.	Total gross wgt. 1883.	No. 1883.	Total value 1883.
Logan.....	40,674	5,247	6,361,623	242	\$8,214
Macon.....	21,222	6,125	7,161,443	313	9,975
Macoupin.....	22,393	5,656	6,188,182	319	9,666
Madison.....	12,647	2,227	1,887,055	207	6,824
Marion.....	8,416	2,038	1,898,593	132	3,025
Marshall.....					
Mason.....					
Massac.....	2,013	612	268,395	88	1,417
McDonough.....	20,573	*7,297	*9,517,209		
McHenry.....	42,221	6,447	5,866,061	292	10,061
McLean.....	50,004	16,427	20,262,586	827	28,194
Menard.....	8,853	4,750	5,715,000	220	3,300
Mercer.....	37,125	9,677	10,988,419	592	14,430
Monroe.....	3,007	324	207,840	111	2,951
Montgomery.....	217	3,374	3,486,117	196	5,918
Morgan.....					
Moultrie.....	11,066	2,856	3,060,362	100	2,433
Ogle.....	46,533	11,808	12,328,239	809	16,382
Peoria.....	22,296	4,721	4,930,686	306	9,652
Perry.....	3,634	*788	*508,010	*63	*1,764
Piatt.....	15,786	2,823	3,172,569	126	3,936
Pike.....	16,671	4,220	4,179,577	299	7,355
Pope.....	3,581	*995	*769,875	*66	*1,277
Pulaski.....	2,079	1,186	656,600	94	1,858
Putnam.....	7,888	2,811	3,262,740	46	1,406
Randolph.....	8,685	1,909	1,322,560	222	4,285
Richland.....	8,487	1,122	863,742	164	3,409
Rock Island.....	22,795	5,319	5,011,105	318	7,635
Saline.....	3,296	1,060	733,509	90	1,710
Sangamon.....	36,275	16,759	18,277,088	760	25,791
Schuyler.....	17,069	3,658	3,578,619	253	6,039
Scott.....	4,735	1,216	1,340,125	62	1,811
Shelby.....	22,846	4,543	5,029,076	215	5,858
Stark.....	14,395	5,763	5,050,435	207	6,200
St. Clair.....	9,268	1,096	942,806	318	12,866
Stephenson.....	38,575	5,994	5,440,353	697	16,793
Tazewell.....	21,011	4,938	5,463,520	436	19,958
Union.....	4,438	836	468,402	119	6,440
Vermilion.....	32,293	13,414	14,700,276	462	14,966
Wabash.....	4,049	773	537,380	89	1,823
Warren.....	34,208	13,574	13,130,950	694	18,968
Washington.....	9,245	1,187	715,964	189	12,700
Wayne.....	14,106	1,768	1,392,055	261	5,531
White.....	9,017	1,836	13,029	157	3,463
Whiteside.....	44,901	*7,769	*78,898,872	*947	*43,684
Will.....	41,565	8,920	7,932,889	646	16,710
Williamson.....	4,614	1,168	643,946	120	2,154
Winnebago.....	33,355	6,561	6,871,761	528	11,209
Woodford.....	21,131	4,151	4,169,390	252	6,194
Total.....	1,822,397	475,411	534,624,597	31,661	\$901,216

\*Estimated.

## Assessors' Returns for 1883—Continued.

Counties.	DAIRY.					BEES.	HONEY.
	Number cows kept, 1883...	Pounds butter sold, 1883	Pounds cheese sold, 1883....	Gals. cream sold, 1883....	Gallons milk sold, 1883....	Number hives 1883.....	Pounds produced, 1883..
Adams.....	6,853	175,901	3,829	1,551	33,858	1,385	59,565
Alexander.....	294	2,717				260	3,989
Bond.....	2,095	82,556	1,245	215	85,655	624	18,789
Boone.....	60,519	1,636,624	454,250	38,298	1,309,542	454	5,035
Brown.....	2,428	70,442	110	400	2,025	794	13,850
Bureau.....	1,287	885,072	52	26,698	338,892	2,308	40,142
Calhoun.....	1,140	4,845				485	9,005
Carroll.....	10,697	320,693	25,600	60,269	39,888	273	11,700
Cass.....	1,424	17,810			1,000	990	10,209
Champaign.....	8,247	231,069	13,450	250	15,660	2,975	58,067
Christian.....	5,980	174,511	8,640	562	30,290	2,773	150,918
Clark.....	4,036	93,205	16,302		190	1,486	27,357
Clay.....	3,222	34,229	400	39	60		
Clinton.....	3,601	71,918	6,280	160	84,846	1,204	30,757
Coles.....	4,178	106,252	100	55	17,160	1,438	43,759
Cook.....	22,670	502,109	14,000	10,952	7,372,435	170	6,070
Crawford.....	2,696	81,713	20			1,516	24,754
Cumberland.....	2,842	48,290		10	1,367	1,408	28,381
DeKalb.....	21,200	898,755	507,015	64,133	2,529,985	580	23,974
DeWitt.....	3,118	*96,208	*50	*337	*20,800	752	*30,850
Douglas.....	3,066	75,688			83	1,461	57,706
DuPage.....	14,865	295,951	229,550	2,574	7,623,079	87	3,387
Edgar.....	5,625	128,028	18,728	250	17,490	1,914	40,870
Edwards.....	2,195	44,836			25	701	11,185
Effingham.....	3,651	79,445		115	13,010	1,683	23,097
Fayette.....	4,010	121,295	60	1,490	650	1,651	41,194
Ford.....	3,831	117,678		4,381	5,700	715	13,669
Franklin.....	238	*2,080				124	*1,580
Fulton.....	9,081	321,864	125	4,714	55,732	3,009	62,940
Gallatin.....	900	47,000				500	7,400
Greene.....	3,920	111,448	1,800	275	4,218	1,262	53,057
Grundy.....	6,648	334,999		48,892	27,954	894	33,675
Hamilton.....	894	13,012	100			949	44,713
Hancock.....	8,095	313,166	440	100	10,933	2,492	132,531
Hardin.....	561	1,025				349	135
Henderson.....	2,953	*55,695	*10,000	*3,795	*779	880	*27,143
Henry.....	12,182	436,195	83,542	30,918	31,270	2,027	34,742
Iroquois.....	12,850	153,790	1,701	29,406	93,147	2,767	80,004
Jackson.....	2,168	65,263			3,478	946	9,564
Jasper.....	2,685	48,731	535	20		1,566	28,621
Jefferson.....	3,435	89,946	240	591	25	1,665	26,108
Jersey.....	2,565	*60,672		*1,630	*79,025	551	*12,581
JoDaviess.....	11,985	597,823	4,111	19,786	1,800	219	13,339
Johnson.....	869	2,772				842	1,871
Kane.....	28,737	719,348	636,256	19,129	12,451,770	618	15,217
Kankakee.....	8,211	275,348	6,600	37,277	77,545	1,323	28,830
Kendall.....	7,977	285,258	24,500	18,241	425,097	514	22,396
Knox.....	10,043	289,327	48,260	29,889	70,770	2,050	62,777
Lake.....	12,470	587,797	107,276	250	2,381,364		5,025
LaSalle.....	15,372	605,174	3,682	7,324	299,010	2,278	48,636
Lawrence.....	2,724	67,878		55	2,630	1,405	27,223
Lee.....							
Livingston.....	13,078	552,514	325	12,019	27,084	2,256	54,877



## Assessors' Returns for 1882—Continued.

Counties.	DAIRY.					BEES.	HONEY.
	Number cows kept, 1883...	Pounds butter sold, 1883	Pounds cheese sold, 1883...	Galls, cream sold, 1883....	Gallons milk sold, 1883....	Number hives, 1883.....	Pounds produced, 1883..
Logan .....	4,061	130,311	.....	225	41,730	2,845	56,993
Macon .....	5,110	194,132	50	5,667	4,550	2,168	65,638
Macoupin.....	6,284	154,143	6,410	2,345	337,302	1,919	82,351
Madison.....	5,950	198,746	21,658	3,445	254,923	1,024	17,004
Marion.....	2,904	81,133	500	.....	7,400	3,736	42,954
Marshall.....	.....	.....	.....	.....	.....	.....	.....
Mason.....	1,194	53,557	50	.....	50	282	3,787
Massac.....	4,975	*120,589	*200	*4,654	*20,051	1,913	*47,528
McDonough.....	25,126	757,935	2,506,382	1,100	7,917,321	725	32,375
McHenry.....	11,423	416,601	2,525	2,465	94,110	3,987	116,011
McLean.....	2,633	86,745	335	665	12,785	1,205	24,700
Menard.....	6,680	285,276	.....	50,625	1,650	1,705	54,721
Mercer.....	1,776	42,698	766	.....	100	208	2,765
Monroe.....	5,592	198,664	495	1,690	13,165	2,292	68,794
Montgomery.....	.....	.....	.....	.....	.....	.....	.....
Morgan.....	2,495	60,773	.....	.....	698	1,325	83,406
Moultrie.....	14,942	708,393	47,366	253,023	101,410	741	28,320
Ogle.....	6,802	233,870	76,243	1,235	114,346	1,504	51,520
Peoria.....	681	*34,283	*626	.....	*1,669	376	*4,548
Perry.....	4,297	61,147	.....	295	1,425	1,522	26,785
Piatt.....	4,257	107,381	.....	265	754	1,249	57,296
Pike.....	1,429	*2,098	.....	.....	.....	412	*1,925
Pope.....	549	14,725	.....	.....	.....	732	6,090
Pulaski.....	1,600	42,940	.....	.....	.....	713	18,480
Putnam.....	3,988	127,298	5,075	300	15,200	846	14,866
Randolph.....	73,371	62,159	2,720	170	1,690	1,244	15,708
Richland.....	6,683	302,063	40	20,256	171,502	880	10,833
Rock Island.....	1,184	15,543	.....	60	.....	1,070	8,422
Saline.....	6,911	222,021	.....	4,675	149,046	3,689	106,140
Sangamon.....	4,115	137,790	50	.....	221	1,488	21,566
Schuyler.....	1,181	19,333	.....	.....	100	395	6,375
Scott.....	6,569	105,383	.....	.....	4,530	3,604	79,895
Shelby.....	3,508	90,399	300	.....	11,450	711	21,035
Stark.....	5,804	280,661	38,765	260	18,297	1,874	17,023
St. Clair.....	14,181	637,829	5,214	109,412	230,181	1,146	32,144
Stephenson.....	5,983	299,324	3,985	2,366	41,190	1,461	34,247
Tazewell.....	1,743	28,145	55	15	10,400	1,165	1,113
Union.....	5,427	176,815	6,400	120	15,035	2,564	59,679
Vermilion.....	1,052	25,577	.....	.....	.....	812	26,300
Wabash.....	5,718	150,589	9,885	14,586	5,451	2,123	51,100
Warren.....	3,573	85,234	1,025	300	430	1,180	22,067
Washington.....	4,678	54,906	.....	.....	660	2,675	43,373
Wayne.....	2,414	28,762	115	25	3,444	2,119	14,797
White.....	10,783	*488,651	*224,482	*150,356	*69,962	2,931	*61,590
Whiteside.....	19,489	802,245	82,100	111,260	1,299,818	915	42,286
Will.....	1,979	32,533	50	.....	.....	989	10,028
Williamson.....	12,230	695,585	46,103	83,793	1,018,510	592	21,869
Winnebago.....	6,362	156,939	14,000	.....	14,560	1,004	23,006
Woodford.....	.....	.....	.....	.....	.....	.....	.....
Total.....	716,102	21,507,889	5,333,143	1,302,803	47,533,437	131,633	3,262,647

\*Estimated.

## Assessors' Returns for 1883—Continued.

Counties.	SHEEP AND LAMBS.	SHEEP, ANY AGE, KILLED BY DOGS.	SHEEP, ANY AGE, DIED OF DISEASE.	WOOL.	FAT SHEEP SOLD.			
	Total number 1883.	No. 1883.	Total value 1883.	No. 1883.	Total value 1883.	No. lbs. shorn 1883.	No. 1883.	Total gr. wt. 1883.
Adams.....	18,227	344	\$1,131	695	\$2,595	71,551	3,405	368,009
Alexander.....	657	31	71	49	1,560	1,017	109	7,162
Bond.....	11,025	177	532	606	1,696	37,342	4,181	222,252
Boone.....	15,650	43	149	106	270	49,680	1,644	113,558
Brown.....	11,439	280	872	547	2,468	40,298	3,623	351,621
Bureau.....	11,687	215	702	245	986	76,908	3,911	350,410
Calhoun.....	1,114	58	228	21	69	4,082	177	16,565
Carroll.....	4,432	68	246	101	385	16,819	814	86,297
Cass.....	2,052	34	173	104	979	8,429	324	40,191
Champaign.....	17,987	204	865	698	1,851	78,635	5,998	520,341
Christian.....	16,008	424	1,262	776	1,974	125,299	4,746	448,531
Clark.....	12,228	239	662	288	673	31,748	1,325	82,188
Clay.....		239	570			46,122	3,378	277,811
Clinton.....	8,576	36	114	509	1,268	32,013	899	82,817
Coles.....	10,203	570	1,213	195	756	38,064	3,448	396,573
Cook.....	2,899	19	36	41	172	12,440	432	20,139
Crawford.....	20,143	937	488	3,995	4,240	61,168	3,573	288,255
Cumberland.....	7,062	294	694	275	712	21,565	927	84,192
DeKalb.....	13,729	261	883	339	1,571	50,542	3,271	318,667
DeWitt.....	12,089	*515	*1,644	*832	*3,212	*84,279	*3,316	*319,808
Douglas.....	8,113	160	527	262	784	29,808	1,973	183,977
DuPage.....	7,339	70	284	215	795	39,177	1,319	169,110
Edgar.....	20,257	379	1,405	757	5,399	81,084	5,669	485,734
Edwards.....	14,738	99	292	251	1,166	54,367	1,027	94,473
Efingham.....	8,269	951	816	2,109	2,549	32,373	799	66,160
Fayette.....	16,850	352	890	957	2,173	53,217	3,022	282,798
Ford.....	4,470	98	796	24	102	17,247	1,069	121,590
Franklin.....	1,080	*25	*68	11	20	2,642	88	6,675
Fulton.....	30,822	669	1,720	965	2,479	101,357	11,300	611,551
Gallatin.....	3,034	145	400	140	350	8,500	640	50,000
Greene.....	9,646	315	1,919	559	1,906	41,480	3,213	317,390
Grundy.....	2,988	52	211	117	435	12,523	879	55,480
Hamilton.....	8,186	235	497	346	825	21,113	781	71,855
Hancock.....	10,361	220	1,914	234	672	32,516	10,625	160,164
Hardin.....	1,604	101	211		1,180	5,186	1,196	28,250
Henderson.....	3,237	*127	*479	*645	2,118	*18,287	*1,627	*74,840
Henry.....	7,310	103	397	130	552	52,451	1,631	170,810
Iroquois.....	9,562	144	626	302	1,058	36,266	3,609	404,440
Jackson.....	4,948	253	474	319	759	17,283	843	71,437
Jasper.....	10,786	345	894	494	1,335	34,940	1,404	68,860
Jefferson.....	11,489	278	936	544	1,154	31,037	1,297	104,295
Jersey.....	9,500	*301	*1,109	*314	*1,148	*39,171	*2,206	*142,414
JoDavies.....	11,368	247	973	252	845	54,109	3,532	284,321
Johnson.....	6,761	167	6,570	752	9,414	5,532	2,060	95,838
Kane.....	8,772	306	1,227	230	744	48,286	3,211	314,454
Kankakee.....	4,410	105	420	33	185	19,533	924	63,220
Kendall.....	8,049	95	316	36	127	38,064	2,159	227,337
Knox.....	17,469	459	1,640	511	1,546	76,278	7,501	491,665
Lake.....		405	1,387	2,126	4,597	278,929	8,840	765,845
LaSalle.....	18,387	238	1,469	358	1,558	74,553	5,732	339,231
Lawrence.....	9,275	159	613	641	2,556	42,788	1,912	165,700
Lee.....								
Livingston.....	9,387	131	589	235	1,555	32,920	1,496	168,923

*Assessors' Returns for 1883—Continued.*

Counties.	SHEEP AND LAMBS.	SHEEP, ANY AGE, KILLED BY DOGS.	SHEEP, ANY AGE, DIED OF DISEASE.	WOOL.	FAT SHEEP SOLD.			
	Total number 1883.	No. 1883.	Total value 1883.	No. 1883.	Total value 1883.	No. lbs. shorn 1883.	No. 1883.	Total gr. wt. 1883.
Logan.....	11,004	280	\$991	266	\$1,003	40,452	1,944	182,686
Macon.....	12,929	67	244	266	697	48,489	2,930	270,355
Macoupin.....	26,221	664	2,264	821	2,667	107,252	5,876	528,920
Madison.....	13,711	384	1,447	502	1,461	55,469	2,971	293,630
Marion.....	12,027	314	1,142	942	2,441	52,521	4,395	227,281
Marshall.....								
Mason.....								
Massac.....	1,393	107	284	92	241	3,955	256	28,890
McDonough.....	12,059	*354	*1,170			*44,275	*2,159	*225,538
McHenry.....	44,410	447	1,123	591	1,726	214,695	4,063	330,265
McLean.....	35,384	731	2,276	1,134	2,952	163,454	10,292	1,056,082
Menard.....	5,172	104	355	255	525	19,575	1,500	13,570
Mercer.....	6,764	208	1,178	366	1,973	32,981	1,122	115,125
Monroe.....	1,558	9	30	89	368	5,304	125	8,035
Montgomery.....	22,140	380	1,090	606	2,564	74,146	4,332	416,827
Morgan.....								
Moultrie.....	5,816	33	106	145	395	15,826	1,179	122,430
Ogle.....	10,366	236	825	342	1,260	60,159	2,229	183,568
Peoria.....	11,105	216	882	265	1,288	44,758	2,762	216,526
Perry.....	3,226	*117	*395	*110	*269	*8,583	*459	*43,465
Piatt.....	5,090	54	344	118	372	16,499	881	74,099
Pike.....	14,908	409	1,308	696	2,015	54,446	2,424	280,590
Pope.....	6,248	*311	*893	*312	*769	*19,170	*692	*87,260
Pulaski.....	2,040					9,575	770	69,000
Putnam.....	2,641	18	66	26	126	16,825	570	66,650
Randolph.....	10,697	247	797	631	1,895	44,494	2,513	247,310
Richland.....	13,854	212	531	722	1,681	52,420	998	121,492
Rock Island.....	4,174	260	398	73	226	13,385	1,175	91,544
Saline.....	6,959	175	438	601	1,161	14,560	895	69,550
Sangamon.....	22,256	508	2,205	819	2,521	85,467	5,097	467,429
Schuyler.....	9,455	237	776	326	691	26,012	1,277	136,430
Scott.....	5,004	137	498	105	694	13,669	880	87,640
Shelby.....	23,735	420	1,267	557	1,373	89,923	3,533	297,487
Stark.....	9,804	76	268	296	1,063	47,997	2,049	208,507
St. Clair.....	7,202	145	420	368	1,104	27,459	3,556	303,415
Stephenson.....	13,435	125	2,197	247	1,646	51,351	3,300	301,591
Tazewell.....	13,320	188	868	241	1,877	55,553	3,159	247,599
Union.....	5,094	164	400	219	1,908	10,126	877	36,240
Vermilion.....	40,857	847	3,919	1,714	3,983	148,947	7,702	700,151
Wabash.....	6,356	100	385	206	500	26,239	843	44,676
Warren.....	10,870	168	679	547	1,555	46,028	2,973	241,651
Washington.....	6,641	181	1,811	559	1,603	18,790	898	45,188
Wayne.....	17,690	277	619	1,191	2,612	51,034	2,762	169,190
White.....	9,778	219	913	299	786	22,848	1,515	107,294
Whiteside.....	4,284	*88	*283	*162	*7,574	*26,574	*1,192	*97,878
Will.....	7,196	85	378	241	767	32,004	1,218	122,292
Williamson.....	8,108	136	377	646	1,206	15,493	869	79,159
Winnebago.....	18,265	293	1,010	472	1,168	83,014	4,918	452,228
Woodford.....	7,946	101	377	93	332	22,715	1,734	154,668
Total.....	1,045,084	23,584	\$84,831	44,570	\$142,382	4,452,023	252,153	20,725,625

\*Estimated.



## Assessors' Returns for 1883—Continued.

Counties.	HOGS AND PIGS.	FAT HOGS SOLD.		HOGS AND PIGS DIED OF CHOLERA.		HOGS DIED OF DISEASE OTHER THAN CHOLERA.	
	Total No. 1883.	No. 1883.	Total gross wt. 1883.	No. 1883.	Total gross wt. 1883.	No. 1883.	Total gross wt. 1883.
Adams.....	58,580	37,167	10,090,168	3,796	264,640	889	80,367
Alexander....	3,311	498	93,915	852	66,395	261	23,730
Bond.....	14,151	9,507	1,847,006	2,256	149,277	460	27,814
Boone.....	27,130	21,118	5,778,977	229	20,060	331	33,115
Brown.....	20,998	13,423	3,269,247	3,360	217,045	163	11,600
Bureau.....	87,259	57,931	17,763,011	977	61,305	1,865	235,069
Calhoun.....	7,123	2,469	427,279	2,691	209,170	11	1,007
Carroll.....	46,055	33,398	8,238,493	627	46,875	579	53,978
Cass.....	17,104	10,564	2,229,939	879	60,210	207	21,745
Champaign..	74,182	49,585	12,105,364	2,003	155,352	1,133	95,305
Christian.....	53,467	37,430	7,637,324	5,535	413,965	1,044	61,340
Clark.....	19,932	10,687	2,321,656	1,815	124,483	614	41,968
Clay.....	.....	9,413	1,811,709	1,629	104,795	.....	.....
Clinton.....	18,898	7,112	1,519,960	9,887	406,898	659	42,074
Coles.....	29,442	19,634	4,526,559	2,344	164,740	580	38,253
Cook.....	19,655	11,712	2,443,038	103	9,525	289	22,865
Crawford.....	18,636	11,946	2,179,439	2,734	112,236	255	13,350
Cumberland..	15,368	7,721	1,640,713	967	66,409	347	23,228
DeKalb.....	63,501	55,240	14,265,843	882	85,465	1,439	154,147
DeWitt.....	23,802	*25,212	*4,928,146	*3,241	*341,743	*804	*41,750
Douglas.....	28,029	22,758	3,750,452	1,835	131,705	795	23,098
DuPage.....	16,179	14,509	3,661,640	185	13,890	778	65,025
Edgar.....	38,464	27,106	6,493,728	5,083	423,035	1,002	45,284
Edwards.....	11,746	7,203	1,396,989	1,379	109,924	55	9,360
Effingham....	12,926	7,862	1,608,822	3,428	242,996	2,089	26,341
Fayette.....	20,561	13,914	2,312,693	3,191	144,855	710	40,307
Ford.....	20,508	22,794	534,838	960	109,392	844	66,878
Franklin.....	2,139	*393	*154,808	*108	*5,825	*20	*1,050
Fulton.....	92,417	58,175	15,081,562	4,600	302,548	2,099	152,913
Gallatin.....	11,322	4,950	940,000	865	69,000	.....	.....
Greene.....	38,503	28,338	6,208,751	5,942	497,726	891	28,470
Grundy.....	15,781	11,669	3,108,981	601	58,250	616	55,858
Hamilton....	12,058	5,859	1,320,440	442	37,593	65	4,221
Hancock.....	44,493	42,181	8,051,173	2,695	204,100	983	69,875
Hardin.....	3,626	370	91,225	311	16,500	.....	.....
Henderson....	33,044	*24,576	*6,140,478	*2,719	*227,205	*1,485	*99,095
Henry.....	94,946	70,308	19,229,031	554	47,800	1,677	194,816
Iroquois.....	62,671	47,508	11,062,692	3,028	318,958	2,382	224,756
Jackson.....	13,957	3,981	755,980	3,877	266,489	834	72,855
Jasper.....	13,262	6,638	1,444,617	1,872	115,575	273	16,949
Jefferson....	18,796	8,020	1,403,288	3,629	254,475	131	6,470
Jersey.....	26,010	*13,108	*3,277,346	*721	*64,602	*463	*35,576
JoDavies....	43,631	38,255	8,882,993	2,222	176,405	1,451	125,614
Johnson....	11,072	2,515	1,040,097	444	33,029	390	23,175
Kane.....	31,386	28,211	7,736,783	190	15,054	368	46,027
Kankakee....	21,795	21,102	4,518,217	1,058	197,547	337	35,000
Kendall.....	28,226	24,204	6,568,354	320	35,525	172	20,885
Knox.....	80,677	53,838	14,834,945	2,192	136,865	648	58,529
Lake.....	.....	17,215	3,917,533	116	10,542	343	35,525
LaSalle.....	80,390	53,869	14,869,196	1,342	135,340	1,781	223,015
Lawrence....	14,809	7,616	1,542,486	5,128	359,212	146	15,305
Lee.....	.....	.....	.....	.....	.....	.....	.....
Livingston..	89,339	60,388	14,407,347	698	53,385	2,034	275,022

## Assessors' Returns for 1883—Continued.

Counties.	HOGS AND PIGS.	FAT HOGS SOLD.		HOGS AND PIGS DIED OF CHOLERA.		HOGS DIED OF DISEASE OTHER THAN CHOLERA.	
	Total No. 1883.	No. 1883.	Total gross wt. 1883.	No. 1883.	Total gross wt. 1883.	No. 1883.	Total gross wt. 1883.
Logan.....	95,941	38,422	9,935,427	5,260	345,133	640	53,400
Macon.....	56,029	40,161	8,432,096	2,127	134,526	833	66,575
Macoupin...	45,707	29,386	7,049,273	2,862	255,621	672	55,692
Madison.....	40,946	19,810	3,948,612	10,324	562,365	1,315	79,489
Marion.....	14,301	7,706	1,617,305	2,797	102,207	410	24,718
Marshall.....							
Mason.....							
Massac.....	5,848	832	188,550	190	6,520	496	28,174
McDonough...	43,987	*40,677	*9,521,651	*6,892	*441,137		
McHenry.....	34,246	33,009	7,546,070	943	71,050	568	40,881
McLean.....	115,268	87,186	22,142,371	4,985	350,812	2,886	193,728
Menard.....	14,259	12,565	2,513,000	2,175	163,125		
Mercer.....	57,945	37,054	10,556,409	2,807	189,030	1,029	111,229
Monroe.....	7,704	752	189,927	712	43,408	697	56,540
Montgomery	40,296	24,971	5,605,957	1,714	108,190	676	41,264
Morgan.....							
Moultrie.....	21,870	12,906	2,495,891	850	56,498	231	16,135
Ogle.....	60,883	48,915	12,874,647	2,518	93,504	1,217	107,545
Peoria.....	53,894	46,618	11,642,168	1,358	90,600	1,074	98,040
Perry.....	8,070	*1,016	*214,535	*700	*73,115	*67	*71,735
Piatt.....	31,709	16,541	3,383,915	739	88,885	233	15,575
Pike.....	42,884	30,917	7,026,950	5,989	530,698	710	48,267
Pope.....	8,606	*1,859	*395,473	*663	*92,155	*160	*13,072
Pulaski.....	5,286	1,367	314,910	357	35,575	324	19,350
Putnam.....	18,210	12,633	3,157,445	2	200	161	13,550
Randolph....	18,832	5,278	1,059,060	4,154	369,865	247	18,030
Richland....	12,227	4,712	959,675	1,902	130,075	772	58,645
Rock Island	34,758	25,563	6,371,277	859	57,333	252	28,570
Saline.....	9,978	4,737	859,034	396	31,885	252	14,926
Sangamon....	65,516	46,839	12,574,323	13,072	1,215,198	599	66,624
Schuyler....	31,034	17,705	5,242,304	1,667	80,760	488	37,305
Scott.....	33,952	5,914	1,383,629	844	66,008	68	1,652
Shelby.....	45,715	28,370	6,098,508	3,674	246,528	468	23,160
Stark.....	43,652	29,495	8,511,330	812	57,570	697	82,495
St. Clair....	20,805	4,338	1,056,973	6,814	741,875	1,350	108,310
Stephenson..	62,956	41,756	10,249,340	452	27,173	2,309	157,138
Tazewell....	47,275	24,865	7,651,967	1,358	111,155	3,400	58,592
Union.....	11,415	16,135	10,786	1,137	137,059	831	48,127
Vermilion...	56,263	42,250	9,853,806	6,648	210,952	1,713	151,011
Wabash.....	10,701	5,275	1,111,226	1,675	88,305	146	8,755
Warren.....	79,963	52,444	12,558,343	2,308	184,815	1,687	125,481
Washington	13,724	4,494	1,089,132	1,154	60,616	793	42,003
Wayne.....	22,988	7,909	1,633,959	1,491	98,049	455	27,659
White.....	22,867	9,025	1,954,662	4,674	298,000	439	32,760
Whiteside...	48,587	*53,460	*10,491,721	*870	*89,103	*2,019	*177,207
Will.....	4,683	26,140	6,493,374	554	38,080	945	80,628
Williamson..	11,690	2,891	431,938	535	38,323	416	24,871
Winnebago..	50,631	36,627	9,743,127	740	66,192	1,497	126,955
Woodford...	51,455	28,996	7,831,715	409	34,190	1,458	109,291
Total.....	3,287,693	2,251,641	537,439,062	223,755	16,209,992	75,496	5,825,153

\*Estimated.

*Assessors' Returns for 1883--Continued.*

Counties.	TIMOTHY SEED	CLOVER SEED.	HUNGAR- IAN & MIL- LET SEED	GRAPES.	DRAIN TILE.
	Bushels produced. 1883.	Bushels produced. 1883.	Bushels produced. 1883.	Pounds produced. 1883.	Number of feet laid in 1883.
Adams.....	1,133	5,856	43	3,060	35,763
Alexander.....				30	
Bond.....	197	4	72	350	1,120
Boone.....	3,184	2,304	7		3,200
Brown.....	1,237	808		280	326,520
Bureau.....	7,311	742	41	13,075	1,509,106
Calhoun.....		89		2,000	
Carroll.....	2,492	1,222	155	3,975	13,300
Cass.....	104			35	964,251
Champaign.....	6,734	416	37	1,007	4,177,603
Christian.....	5,675	148	140	300	1,523,327
Clark.....	1,488	1,401	5	260	39,718
Clay.....	4,038	117	782	7,175	15,912
Clinton.....	27	431	268	9,075	700
Coles.....	1,184	540	180	1,010	1,130,951
Cook.....	993	84	2,775	24,200	394,968
Crawford.....	750	961	10	900	104,207
Cumberland.....	1,552	48	217	368	79,346
DeKalb.....	26,930	1,995	466	1,600	1,793,927
DeWitt.....	*683	*77	*85	*8,210	*981,433
Douglas.....	7,928	101	267		1,319,671
DuPage.....	1,014	330	421	14,100	434,214
Edgar.....	7,337	672	260	2,200	2,038,548
Edwards.....	2,475	5,053	5,907	2,850	8,200
Effingham.....	2,979			1,914	550
Fayette.....	1,060	380	91	2,420	2,560
Ford.....	9,437	838	34	1,200	604,673
Franklin.....	*40				
Fulton.....	3,947	15,005		370	1,306,751
Gallatin.....	760	890			26,700
Greene.....	1,093	1,237	32	610	204,655
Grundy.....	10,701	141	1,951		1,662,570
Hamilton.....	63				
Hancock.....	4,220	1,498	202		
Hardin.....					
Henderson.....	*206	*25	*63	*10,150	*115,304
Henry.....	3,383	1,315	133	5,418	965,286
Iroquois.....	15,637	224	3,682	28,397	1,639,858
Jackson.....	425	3,113		4,500	250
Jasper.....	243	70		1,524	3,514
Jefferson.....	799	32	10	3,330	46
Jersey.....	*12	*18	*4	*30,828	*18,067
JoDavies.....	3,014	1,519	10	13,085	4,880
Johnson.....	25	3,236			150
Kane.....	6,256	443	96	1,230	1,064,071
Kankakee.....	1,350	1,772		4,825	367,946
Kendall.....	21,697	1,058	300	700	919,620
Knox.....	3,669	2,212	83	150	1,108,203
Lake.....	2,450	545	569	2,765	92,466
LaSalle.....	28,258	1,792	712	7,100	4,155,179
Lawrence.....	715	7,040	5	7,728	51,725
Lee.....					
Livingston.....	25,730	908	6,505	10,134	4,374,936



*Assessors' Returns for 1883—Continued.*

Counties.	TIMOTHY SEED.	CLOVER SEED.	HUNGAR- IAN & MIL- LET SEED.	GRAPES.	DRAIN TILE.
	Bushels produced. 1883.	Bushels produced. 1883.	Bushels produced. 1883.	Pounds produced. 1883.	Number of feet laid in 1883.
Logan...	367			2,775	966,091
Macon.....	2,031	768	258	5,335	2,041,337
Macoupin.....	2,036	2,231	45	1,002	202,492
Madison.....	79	926	165	16,590	31,800
Marion.....	2,568	107	936	1,500	75
Marshall.....					
Mason.....					
Massac.....		81			
McDonough.....	*2,309	*605	*134	*11,335	*366,154
McHenry.....	4,969	2,751	461	3,950	74,636
McLean.....	5,779	3,214	37	2,221	4,938,584
Menard.....	450	125		11,900	633,600
Mercer.....	3,912	635	6	3,070	612,816
Monroe.....	2,146	27		7,510	
Montgomery.....	864	142	181	311	7,501
Morgan.....					
Moultrie.....	636	220	40	200	675,241
Ogle.....	26,509	4,318	189	11,480	251,077
Peoria.....	2,182	3,088	157	7,900	919,239
Perry.....	*391		*75		
Piatt.....	1,425	104	160	960	1,368,759
Pike.....	339	1,804	30		53,908
Pope.....	*12				
Pulaski.....		643		50,000	
Putnam.....	390	312			441,581
Randolph.....	226	2,116	104	22,935	
Richland.....	22,742	2,540	200	4,945	9,315
Rock Island.....	471	357		22,700	173,804
Saline.....	21	2,838	3	409	7,957
Sangamon.....	4,243	56		2,150	1,655,770
Schuyler.....	3,103	8,488	4	1,200	265,473
Scott.....	12				7,498
Shelby.....	2,192	223	153	10	688,491
Stark.....	738	324	65	350	654,629
St. Clair.....	70	1,985	163	65,324	82,968
Stephenson.....	1,514	4,168	1,521	150	13,000
Tazewell.....	2,732	3,448		715	1,428,450
Union.....	10	1,113			150
Vermilion.....	8,591	1,000	652	1,893	2,793,592
Wabash.....	216	5,684		800	22,910
Warren.....	1,389	337			1,026,901
Washington.....	45	57	109	270	1,630
Wayne.....	35,128	459		900	13,300
White.....	89	6,686	48	5,299	102,158
Whiteside.....	*1,647	*433	*49	*5,840	*43,475
Will.....	3,506	4,231	3,932	11,875	1,720,511
Williamson.....	33	4,512		265	
Winnebago.....	1,433	1,705	407	2,475	20,160
Woodford.....	5,197	4,401	16	4,310	2,594,239
Total.....	387,377	147,972	36,920	527,397	62,500,217

\*Estimated.

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CIRCULAR NO. 11E.

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# ILLINOIS CROPS

## FOR 1884.

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DEPARTMENT OF AGRICULTURE,

SPRINGFIELD, DECEMBER 31, 1884.

The aggregate farm value of the crop and animal products of the State for the year ending December 31, 1884, is \$235,114,267, or \$16,410,492 less than the reported value of the products for the previous year.

The yield of the leading crops the past season largely exceeds the average for a term of years, and the decreased value in 1884, as compared with the previous year, is owing mainly to over-production and the depressed condition of the market.

The price per bushel of corn has not been as low as during the past season but five times during the past twenty-five years, viz: 1861, 1862, 1865, 1877 and 1878.

The value per bushel of wheat has not been as low in this State since 1860 as during the past season.

The price of oats has not been lower than the past season during the preceding twenty-five years, except in 1861, 1872, 1878 and 1879.

The market since the late harvest has not been as unfavorable for the sale of hay during the past twenty-five years except in 1877 and 1878.

There was an increase in the reported productions of the State, in 1884, as compared with 1883, as follows: Corn, 20,973,124 bushels; winter wheat, 13,826,261 bushels; spring wheat, 193,640 bushels; oats, 1,015,728 bushels; Barley, 392,269 bushels; buckwheat, 8,236 bushels; castor beans, 15,831 bushels; beans, 5,597 bushels; sweet potatoes, 45,399 bushels; tobacco, 1,520,982 pounds; sorgo syrup, 116,961 gallons; fat cattle, (number) 4,132; fat hogs, (number) 343,457; butter, 497,963 pounds; milk, 7,050,045 gallons.

There was a decrease in the reported productions of the State, in 1884, as compared with the previous year, as follows: Apples, 2,665,595 bushels; peaches, 125,594 bushels; pears, 2,710 bushels; hay, 116,839 tons; rye, 519,352 bushels; Irish potatoes, 2,576,921 bushels; broom corn, 16,794,000 pounds; wool, 146,784 pounds; cheese, 136,129 pounds.

There is a decrease in the aggregate value of the crops produced in the State the past season, as compared with 1883, as follows: Corn, \$7,767,545; oats, \$659,961; rye, \$68,682; buckwheat, \$3,986; Irish potatoes, \$1,011,217; broom corn, \$896,145; hay, \$3,905,172; Hungarian and millet, \$20,104; apple orchards, \$2,416,192; peach orchards, \$53,322; pear orchards, \$6,609; vineyards, wine, \$10,613; vineyards, (grapes,) \$13,844; other fruits and berries, \$16,566; turnips and other root crops, \$125,865; butter, \$857,230; cheese, \$193,352; cream, \$629,607; fat sheep, \$195,093; wool, \$187,404; fat hogs, \$7,885,147.

The following table gives the aggregate value of the crop and animal products of the State during the past eight years:



Farm Crops, etc.	1877.	1878.	1879.	1880.	1881.	1882.	1883.	1884.
Corn .....	\$77,562,879	\$56,035,842	\$97,483,052	\$83,757,039	\$93,328,377	\$76,528,755	\$98,067,098	\$60,300,153
Winter wheat .....	34,900,824	23,870,257	37,266,757	44,457,428	23,977,484	45,472,045	18,785,499	25,366,010
Spring wheat .....	3,011,238	3,180,203	2,603,882	2,030,732	7,756,296	1,242,331	551,564	181,195
Oats .....	16,204,747	10,684,911	12,039,162	12,888,247	21,022,267	41,062,611	27,403,706	26,743,745
Rye .....	2,103,800	1,193,535	1,991,404	1,513,587	2,403,954	4,064,463	2,244,646	2,173,064
Barley .....	336,182	398,844	265,951	500,703	892,328	641,951	398,901	562,328
Buckwheat .....	151,612	206,608	85,257	47,838	18,339	30,877	41,800	37,864
Castor beans .....	19,512	3,157	24,344	3,654	6,008	37,804	30,794	30,794
Beans .....	29,916	25,146	54,325	25,430	10,781	42,969	31,874	35,017
Peas .....	19,923	32,115	64,032	30,651	16,469	28,779	27,292	4,093,956
Irish potatoes .....	3,057,907	2,394,874	3,506,788	3,689,348	4,393,676	6,261,397	5,105,203	184,077
Sweet potatoes .....	126,029	99,402	113,552	202,970	123,645	209,538	171,847	321,582
Tobacco .....	630,847	158,794	246,719	218,912	139,798	193,759	140,921	585,572
Broom corn .....	237,584	277,646	484,195	559,447	1,651,739	1,068,058	1,481,717	11
Hemp (fiber) .....	865	346	150	272	165	14	11	11
Cotton (lint) .....	4,310	805	1,428	3,804	4,246	5,236	2,592	631,270
Flax (fiber) .....	9,257	8,202	12,738	5,124	4,026	2,571	604,157	27,985,099
Sorgo (syrup) .....	515,409	528,547	497,572	267,211	251,193	632,565	30,990,271	2,087,850
Hay .....	21,971,368	19,994,341	16,428,012	22,589,691	24,184,087	34,006,164	5,124,042	227,443
Apple orchard .....	4,316,231	3,211,527	4,469,017	5,791,624	3,244,025	2,090,813	280,745	6,138
Peach orchard .....	3,30,380	376,521	34,503	319,176	149,586	165,046	12,757	48,003
Pear orchard .....	22,704	16,887	9,508	46,428	25,443	21,804	36,314	22,500
Vineyard, (wine) .....	191,953	171,557	424,220	610,638	175,252	90,948	89,518	250,747
Vineyard, (grape) .....	178,800	197,581	185,488	231,417	202,086	187,327	267,313	771,438
Other fruits and berries .....	279,136	155,149	722,444	105,414	448,380	440,686	897,303	184,077
Turnips and other root crops .....	299,543	157,862	526,180	168,244	632,572	190,852	263,496	19,241,249
Other crops not named .....	14,801,112	12,324,617	12,319,620	14,491,114	14,397,176	17,568,090	17,073,741	22,621,246
Pastures .....	19,016,421	12,608,394	15,695,219	18,014,743	21,950,890	23,135,715	21,958,636	4,749,567
Fat Cattle .....	3,794,035	2,190,648	4,735,333	4,910,690	5,610,647	6,267,449	5,006,787	4,478,622
Butter .....	530,320	513,991	806,367	801,398	875,996	652,034	672,474	6,000,219
Cheese .....	1,569,312	32,608	112,943	300,657	704,279	791,722	1,221,826	6,800,071
Cream .....	1,912,286	3,209,579	7,732,788	3,573,796	3,814,581	6,299,626	5,953,207	6,789,758
Milk .....	1,019,766	476,201	538,528	605,448	938,861	1,695,803	874,853	912,418
Fat sheep .....	987,503	722,752	1,386,595	1,617,698	1,344,646	1,695,060	1,099,822	24,886,854
Wool .....	26,298,187	15,426,743	23,169,392	26,259,416	25,946,974	43,832,117	32,772,001	512,438
Fat hogs .....	604,364	336,919	479,990	880,272	1,108,980	575,293	476,447	609,945
Honey .....	310,493	680,955	400,955	400,862	650,218	452,545	375,065	17,187
Timothy seed .....	10,701	14,738	32,832	46,752	72,379	50,637	43,291	314,416
Clover seed .....	5,450	2,400	235	128	3,718	1,338	1,338	235,114,267
Hungarian and millet seed .....	908,491	1,019,566	1,945,252	1,579,634	1,099,017	911,656	300,008	
Cotton seed .....								
Flax seed .....								
Totals .....	\$238,514,407	\$173,084,780	\$249,335,788	\$253,588,737	\$256,096,512	\$317,982,380	\$251,524,759	\$235,114,267

## RELATIVE VALUE OF CROP AND ANIMAL PRODUCTS.

The following table gives by percentage the proportionate amount obtained during the past eight year for the crop and live stock products of the State:

Farm Crops, etc.	Per cent. of value to total value of crops in State in 1887.	Per cent. of value to total value crops, etc., in State in 1878.	Per cent. of value to total value crops, etc., in State in 1879.	Per cent. of value to total value crops, etc., in State in 1880.	Per cent. of value to total value crops, etc., in State in 1881.	Per cent. of value to total value crops, etc., in State in 1882.	Per cent. of value to total value crops, etc., in State in 1883.	Per cent. of value to total value crops, etc., in State in 1884.	Per cent. of value to total value of crops in State in 1881.
Corn	32.5191	32.3744	39.0970	33.0286	36.4428	24.0669	27.0620	25.6471	
Winter wheat	14.5577	13.7910	14.9464	17.5313	9.1283	14.3002	7.4647	10.7888	
Spring wheat	1.2750	1.8425	1.0683	0.8043	0.2953	0.3907	0.2193	0.2727	
Oats	6.8212	6.1732	4.8365	5.0705	8.2087	12.9135	10.8950	11.3741	
Rye	0.8820	0.6907	0.7986	0.5963	0.9386	1.2782	0.8924	0.9255	
Barley	0.1661	0.2304	0.1066	0.2211	0.3484	0.2019	0.1586	0.2392	
Buckwheat	0.0635	0.1193	0.0341	0.1888	0.0071	0.0097	0.0166	0.0161	
Castor beans	0.0081	0.0018	0.0097	0.0014	0.0025	0.0106	0.0018	0.0131	
Beans	0.0125	0.0145	0.0217	0.0100	0.0042	0.0135	0.0127	0.0140	
Peas	0.0083	0.0185	0.0256	0.0120	0.0062	0.0091	0.0108		
Irish potatoes	1.2820	1.3836	1.4064	1.4518	1.7156	1.9691	2.0297	1.7412	
Sweet potatoes	0.0528	0.0584	0.0455	0.0796	0.0182	0.0659	0.0683	0.0783	
Tobacco	0.2064	0.0917	0.0989	0.0863	0.0545	0.0517	0.0560	0.1368	
Broom corn	0.0996	0.1604	0.1941	0.2206	0.6449	0.3359	0.5891	0.2490	
Hemp (fiber)	0.0003	0.0001	0.0001	0.0001	0.0001	0.0000	0.0000		
Cotton (lint)	0.0018	0.0001	0.0005	0.0015	0.0016	0.0016	0.0000		
Flax (fiber)	0.0038	0.0047	0.0051	0.0020	0.0015	0.0018	0.0010		
Sorgo (syrup)	0.2160	0.3053	0.1905	0.1053	0.0930	0.1990	0.2402	0.2680	
Hay	9.2117	11.5517	6.5887	8.9080	9.4433	10.6944	12.3210	11.5199	
Apple orchard	1.8096	1.8554	1.7923	2.2838	1.2649	0.6575	2.0412	1.1432	
Peach orchard	0.1552	0.2172	0.0138	0.1258	0.0584	0.0330	0.1116	0.0967	
Pear orchard	0.0095	0.0097	0.0038	0.0183	0.0099	0.0069	0.0050	0.0026	
Vineyard (wine)	0.0804		0.1520	0.2407	0.0684	0.0286	0.0356	0.0201	
Vineyard (grapes)						0.0118	0.0144	0.0096	
Other fruits and berries	0.0749	0.1141	0.0743	0.0912	0.0789	0.0589	0.1063	0.1066	
Turnips and other root crops	0.1170	0.0896	0.2397	0.0415	0.1750	0.1386	0.3567	0.3281	
Other crops not named	0.1255	0.0912	0.2110	0.0663	0.2434	0.0600	0.1048		
Pastures	6.2055	7.1205	4.9409	5.7144	5.6217	5.5255	6.7881	8.1838	
<i>Live Stock, etc.</i>									
Fat cattle	7.9854	7.2844	6.2952	7.1034	8.5713	7.2752	8.4917	9.5788	
Butter	1.5906	1.5597	1.9072	1.9364	2.1408	1.9521	2.2291	2.0201	
Cheese	0.2265	0.2969	0.3450	0.3172	0.3419	0.2051	0.2674	0.2036	
Cream	0.6528	0.0188	0.0452	0.1185	0.2750	0.2490	0.4889	0.2552	
Milk	0.8017	1.8543	3.1013	1.4092	1.4895	1.9811	2.3660	2.8850	
Fat sheep	0.4275	0.2751	0.1159	0.2387	0.3666	0.3003	0.3478	0.2891	
Wool	0.4140	0.4175	0.5533	0.6379	0.5250	0.3760	0.5373	0.3881	
Fat hogs	11.0262	8.9128	9.2924	10.3551	10.1317	13.7845	13.0293	10.5850	
Honey					0.0483	0.1756	0.2595		
<i>Seeds, etc.</i>									
Timothy seed	0.2534	0.1888	0.1925	0.3471	0.4330	0.2123	0.1894	0.2171	
Clover seed	0.1301	0.1810	0.2771	0.1580	0.2538	0.1423	0.1491	0.2594	
Hungarian and millet seed	0.0044	0.0085	0.0131	0.0184	0.0282	0.0159	0.0172	0.0073	
Cotton seed	0.0010	0.0031	0.0001		0.0014	0.0004			
Flax seed	0.3808	0.5890	0.7801	0.6220	0.4291	0.2267	0.1193	0.1337	
Totals	100.	100.	100.	100.	100.	100.	100.	100.	

It will be seen in the foregoing table that over one-fourth of the proceeds of the farms of this State are derived from the animal products. The leading crops are entitled to precedence as follows: The late corn crop equals in value twenty-five per cent. of the total productions of the state; hay, 11+ per cent.; oats, 11+ per cent.; winter wheat 10+ per cent.; pastures, 8+ per cent. In 1879 the value of the corn crop was over thirty-nine per cent. of the total annual value of the crop and animal products of the State, and the wheat crop of that season amounted to over fifteen per cent. of the total productions of the farm.

There has been an increase of late years in the proportionate value of the animal products when compared with the cereal and other crops grown in the State.

## ANNUAL VALUE OF FARM CROPS.

The table on pages 104 & 105 of this report gives the average value per acre of the farm crops produced in each county in the State the past season. The value of farm crops produced in 1884 exceeded four millions of dollars in the counties of LaSalle and McLean. In the following counties the farm crops the past year were valued at between three and four million of dollars: Livingston, Will, Ogle, Lee, Champaign, Henry, DeKalb and Knox. The annual value of farm crops produced in 1884 in each of the following counties is reported to be between two and three million of dollars: Madison, Bureau, McHenry, Vermilion, Sangamon, St. Clair, Adams, Morgan, Fulton, Pike, Cook, Stephenson, Macon, Warren, Jo Daviess, Macoupin, Christian, Montgomery, Hancock, Logan, Winnebago, Kane, McDonough, Carroll, Tazewell, Whiteside and Mercer.

The productive value of the lands in the several counties in the State is partially indicated in the average value per acre received for the crops of 1884.

The value per acre of the farm crops produced in the counties in the State, in 1884, give the counties precedence as follows: In DuPage county the crops produced the past season averaged \$8.33 per acre; DeKalb, \$7.92; Boone, \$7.67; McHenry, \$7.60; Stark, \$7.50; Morgan, \$7.45; Warren, \$7.36; Ogle, \$7.32; Stephenson, \$7.30; Lee, \$7.23; Knox, Macon and Will, \$7.08; Monroe, \$7.00; Carroll, \$6.83; St. Clair, \$6.71; Madison, \$6.66; Winnebago, \$6.63; Kane, \$6.53; Menard, \$6.47; Jo Daviess, \$6.45; Putnam, \$6.43; Henry, \$6.39; Kendall, \$6.37; Grundy, \$6.27; Marshall, \$6.02; LaSalle, \$5.97; Gallatin, \$5.87; Mercer, \$5.82; Jersey, \$5.79; Livingston, \$5.76; McDonough, \$5.71; Woodford, \$5.65; Logan, \$5.63; McLean, \$5.61; Clinton, \$5.60; Henderson, \$5.43; Greene, \$5.40; Bureau, \$5.39; Champaign, \$5.32; Randolph, \$5.29; Adams, \$5.26; Schuyler, \$5.25; Pike, \$5.24; Vermilion, \$5.15; Sangamon, \$5.14; Rock Island, \$5.13; Brown and Cook, \$5.10; DeWitt, \$5.09; Montgomery, \$5.08; Lake, \$5.07; Christian, \$5.03; Peoria, \$4.96; Fulton, \$4.95; Iroquois and Tazewell, \$4.93; Edgar, \$4.85; Whiteside, \$4.68; Kankakee, \$4.56; Ford, \$4.51; Macoupin, \$4.47; Hancock, \$4.28; Shelby, \$4.12; Union, \$4.09; Edwards, \$4.08; Cumberland, \$4.07; Douglas, \$4.05; Hamilton, \$4.03; Wabash, \$3.91; Coles, \$3.83; Washington, \$3.71; Cass, \$3.61; Moultrie, \$3.57; Bond, \$3.56; White, \$3.41; Pulaski, \$3.40; Effingham, \$3.36; Calhoun, \$3.33; Lawrence, \$3.29; Richland, \$3.25; Piatt, \$3.06; Jackson, \$3.00; Massac, \$2.86; Jefferson, \$2.80; Clark, \$2.74; Crawford, \$2.71; Johnson, \$2.70; Pope, \$2.58; Clay, \$2.56; Marion, \$2.38; Williamson, \$2.29; Scott, \$2.23; Fayette, \$2.20; Saline, \$2.15; Alexander and Jasper, \$2.12; Wayne, \$1.90; Perry, \$1.85; Mason, \$1.37; Hardin, \$1.14; Franklin, \$0.32.

## PRICES FARM PRODUCTS.

The following table gives the farm prices of products on the first of December, during the past nine years. Corn has not been as low during the past six years, and wheat is selling for less than at any corresponding date during the past nine years. Only in 1877 and 1878 has the price ruled as low for oats. Rye is selling for less than in any December since 1876, excepting in 1878. Price of Irish potatoes has not been as low during the past nine years. Hay has not been as low during the past twenty-five years, except in 1877 and 1878.



Articles.	1876.	1877.	1878.	1879.	1880.	1881.	1882.	1883.	1884.
Corn, per bushel.....	\$0 30	\$0 30	\$0 22	\$0 32	\$0 33	\$0 53	\$0 42	\$0 37	\$0 31
Winter wheat, per bushel.....	1 01	1 19	79	1 21	93	1 24	87	93	64
Spring wheat, per bushel.....	92	95	68	1 06	83	1 07	81	84	57
Oats, per bushel.....	30	23	17	29	29	43	32	26	24
Rye, per bushel.....	56	52	41	66	72	93	56	54	47
Barley, per bushel.....	53	47	56	68	70	87	61	54	50
Buckwheat, per bushel.....		73	1 33	77	77	1 12	77	90	68
Irish potatoes, per bushel.....	58	45	47	50	56	1 08	55	36	35
Sweet potatoes, per bushel.....		85	85	90	90	1 08	1 03	90	80
Winter apples, per bushel.....	44	80	65	75	56	1 22	85	80	68
Hay, per ton.....	6 25	6 35	4 33	10 00	9 30	12 45	9 31	5 90	5 45
Castor beans, per bushel.....		1 10	1 25	1 00	1 05	1 65	1 54	1 35	1 65
Tobacco, per pound.....		08	07	09	08	08	08	08	11
Broom corn, per ton.....		71 20	49 50	86 75	77 40	128 54	79 00	87 00	76 00
Beef cattle, gross, per cwt.....	3 47	3 37	2 95	3 50	3 75	4 20	4 10	4 25	4 50
Fat hogs, gross, per cwt.....	4 09	4 23	2 80	3 30	4 13	5 65	5 70	4 75	4 50
Fat sheep, gross, per cwt.....	4 50	4 40	3 80	2 98	3 40	3 45	3 50	3 40	3 30

It will be seen in the above table that the price of beef cattle is higher than in any previous December during the past nine years.

Fat hogs have been selling higher this year than in any December since 1876, except in 1881, 1882 and 1883.

The December price of fat sheep is less than for corresponding month in any year included in the foregoing table, excepting 1879.

#### PROFITS PER ACRE.

The net profit per acre on the leading crops grown in the State the past season have been as follows: hay, \$4.05; barley, \$5.20; Irish potatoes, \$11.53. The prevailing low prices and medium yield per acre of some of the crops have resulted in losses the past season as follows: corn, \$1.70 per acre; wheat, \$1.44; oats, .77, and rye, \$1.97.

The following table shows the average net profit or loss, realized per acre on the principal crops grown in the State since 1860, after deducting the various items of expense; the use and preparation of land, seed, cultivation and marketing the crop.

Year.	Corn.	Wheat	Hay.	Oats.	Rye.	Barley	Irish Potatoes
1860.....	\$2 24	-\$0 95	\$6 60	-\$2 12	-\$1 93	\$0 71	\$4 25
1861.....	-3 50	-2 53	6 60	-4 08	-4 36	-4 58	2 64
1862.....	-1 01	09	6 25	-4 60	-1 20	11 05	19 45
1863.....	3 14	2 04	9 90	4 04	2 04	10 26	31 25
1864.....	14 25	11 66	15 65	9 60	5 42	20 49	72 88
1865.....	-0 19	1 45	6 60	-1 00	-1 74	1 36	34 72
1866.....	3 08	14 54	6 27	1 81	2 52	6 45	34 81
1867.....	5 70	11 90	7 24	5 34	8 05	17 97	52 05
1868.....	4 20	3 25	6 65	3 04	5 26	24 53	36 96
1869.....	2 72	-2 04	8 34	2 62	-0 48	8 26	21 68
1870.....	1 82	73	5 32	-1 08	-0 46	1 85	31 29
1871.....	1 75	3 96	5 81	-0 14	-0 16	2 71	31 39
1872.....	-0 97	4 23	5 43	-2 45	-0 75	3 80	13 95
1873.....	-3 78	4 29	3 58	-1 09	-0 80	11 35	24 25
1874.....	-0 42	-0 67	5 23	-1 53	1 13	6 13	25 10
1865.....	1 16	-1 00	5 98	-0 16	0 26	7 37	20 41
1876.....	-2 75	-1 91	2 00	-4 29	-0 52	-1 70	25 20
1877.....	-1 82	8 68	2 64	1 05	-5 70	-1 75	12 40
1878.....	-4 04	1 09	1 09	-3 33	-5 03	-0 36	9 06
1879.....	1 66	5 81	25	-2 01	-1 33	-0 12	18 45
1880.....	1 06	3 72	2 40	-1 00	0 31	3 71	18 09
1881.....	2 20	-2 63	3 07	1 10	3 16	5 73	29 61
1882.....	-0 47	5 71	6 21	6 55	1 11	7 81	37 00
1883.....	-1 50	-1 60	3 41	0 03	-1 94	4 45	22 65
1884.....	-1 70	-1 48	1 65	-0 77	-1 97	-5 20	11 53
Average.....	\$0 91	\$2 74	\$5 37	\$0 22	\$0 23	\$6 10	\$25 64

In the foregoing table the minus sign (-) is used where the crop was grown at a loss.



Farm Crops, etc.		1878.	1879.	1880.	1881.	1882.	1883.	1884.
<i>Honey, lbs.</i>		261,559	213,329	400,124	618,947	2,791,301	3,263,980	.....
<i>Timothy seed, bu.</i>		77,388	138,191	87,144	426,551	320,653	385,895	380,056
<i>Clover seed, bu.</i>		20,787	43,776	66,789	125,042	55,862	78,656	138,920
<i>Hungarian and millet seed, bu.</i>		• 4,959	246	120	76,189	77,423	70,007	83,513
<i>Cotton seed, bu.</i>		971,015	1,621,043	1,501,530	2,600	1,274	.....	.....
<i>Flax seed, bu.</i>		1,922,636	3,184,932	7,883,041	1,055,413	595,555	218,177	272,845
<i>Grapes, lbs.</i>		.....	22,050,472	44,880,700	1,113,902	1,013,390	695,100	467,014
<i>Tile laid, feet.</i>		.....	.....	.....	27,409,295	37,557,625	60,975,784	.....
<i>Loss Farm Stock.</i>		.....	.....	.....	.....	.....	.....	.....
<i>Horses died of disease, No.</i>		.....	24,877	36,037	41,000	35,951	30,049	.....
<i>Cattle died of disease, Value</i>		.....	.....	.....	\$2,251,016	\$2,193,891	\$1,959,434	.....
<i>Sheep killed by dogs, No.</i>		.....	.....	.....	38,574	37,088	31,692	.....
<i>Sheep died of disease, Value</i>		26,017	28,664	26,107	\$946,830	\$977,658	\$892,571	.....
<i>Hogs died of cholera, No.</i>		.....	.....	.....	32,914	33,078	24,410	.....
<i>Hogs died of cholera, Gr. Wt., lbs.</i>		.....	.....	.....	\$107,018	\$107,724	\$87,354	.....
<i>other diseases, No.</i>		.....	.....	.....	58,583	50,993	45,349	.....
<i>other diseases, Gr. Wt., lbs.</i>		1,391,422	676,738	595,025	\$174,164	\$161,290	\$136,993	.....
<i>.....</i>		139,853,598	49,326,591	41,066,533	418,502	289,308	230,823	.....
<i>.....</i>		.....	.....	.....	31,522,141	22,083,466	16,821,254	.....
<i>.....</i>		.....	.....	.....	93,736	98,144	74,700	.....
<i>.....</i>		.....	.....	.....	7,325,310	7,012,565	5,796,866	.....





## RELATIVE AREA OF CROPS.

The following table gives the relative area by percentage of the crops grown in the State during the past eight years.

Farm Crops, etc.	Per cent. of area to total acreage in State in 1877.	Per cent. of area to total acreage in State in 1878.	Per cent. of area to total acreage in State in 1879.	Per cent. of area to total acreage in State in 1880.	Per cent. of area to total acreage in State in 1881.	Per cent. of area to total acreage in State in 1882.	Per cent. of area to total acreage in State in 1883.	Per cent. of area to total acreage in State in 1884.
Corn.....	22.1824	19.332	21.9989	21.0394	19.0341	21.1414	21.3608	19.9899
Winter wheat.....	4.3483	5.252	7.0333	9.0321	7.7030	7.8525	8.4824	7.8894
Spring wheat.....	0.5101	0.615	0.7096	0.5187	0.2416	0.2713	0.1325	.1475
Oats.....	4.2702	4.468	4.9370	5.4080	5.0901	7.0986	7.9421	8.5322
Apple orchard.....	0.7981	0.702	0.8143	0.8101	0.7274	0.8261	0.8639	.8197
Peach orchard.....	0.0372	0.633	0.0171	0.0213	0.0178	0.0219	0.0233	.0194
Pear orchard.....	0.0018	0.002	0.0018	0.0029	0.0026	0.0029	0.0014	.0018
Vineyards.....	0.0075	0.015	0.0086	0.0125	0.0106	0.0093	0.0101	.0061
Timothy meadow.....	5.0449	4.421	4.7733	5.0000	4.5987	5.3232	6.0580	6.5794
Clover meadow.....	0.3036	0.354	0.5961	0.4755	0.7186	0.8552	0.9880	.9124
Prairie meadow.....	1.3066	1.122	1.3906	1.2334	0.9092	1.3026	1.325	1.1888
Hungarian and millet.....	0.0487	0.029	0.0405	0.1020	0.0791	0.1347	0.0747	.0616
Rye.....	0.6721	0.678	8.4836	0.4734	0.5022	0.1347	0.8019	.7524
Barley.....	0.1303	0.076	0.1252	0.1236	0.0905	0.1007	0.0775	.0838
Buckwheat.....	0.0460	0.047	0.0312	0.0194	0.0106	0.0071	0.0101	.0102
Castor beans.....	0.0134	0.001	0.0081	0.0041	0.0322	0.0061	0.0013	.0032
Beans.....	0.0045	0.004	0.0077	0.0040	0.0029	0.0028	0.0032	.0047
Peas.....	0.0015	0.001	0.0022	0.0016	0.0012	0.0015	0.0016	.0017
Irish potatoes.....	0.2773	0.237	0.2678	0.2646	0.2088	0.3084	0.3141	.3648
Sweet potatoes.....	0.0067	0.005	0.0041	0.0097	0.0052	0.0081	0.0078	.0078
Tobacco.....	0.0356	0.011	0.0089	9.0118	0.0111	0.0109	0.0089	.0140
Broom corn.....	0.4221	0.053	0.0511	0.0540	0.0518	0.1247	0.0983	.0729
Hemp (fibre).....	0.0331	0.001	0.0005	0.0005	0.0006	0.0001	0.0000	.3023
Cotton (lint).....	0.0006	0.007	0.0001	0.0003	0.0006	0.0001	0.0000	.0000
Flax (fibre).....	0.2588	0.279	0.5068	0.4907	0.3162	0.2701	0.5850	.0898
Sorgo.....	0.0560	0.042	0.0518	0.0284	0.0236	0.0398	0.0406	.0401
Turnip, other root crops.....	0.0204	0.011	0.0091	0.0066	0.0083	0.0110	0.0126	.0112
Other fruits and berries.....	0.0103	0.013	0.0090	0.0226	0.0222	0.0170	0.0133	.0295
Other crops not named above.....	0.1793	0.065	0.0858	0.0521	0.0505	0.1358	0.0574	.1016
Pastures.....	10.4679	11.049	12.2936	12.8001	11.1209	13.5442	13.7666	14.7356
Woodland.....	10.5959	10.83	10.7459	10.1533	9.5012	9.8944	10.3601	10.1996
Uncultivated land.....	5.0581	6.687	6.8969	6.0004	5.8808	5.3788	5.5873	5.4605
Area city and town real estate not included above.....	0.8380	0.738	0.7885	0.0625	0.6190	0.8125	1.3817	.7464
Acreage not reported.....	32.5212	32.612	25.4118	25.1391	32.8113	23.4105	21.1556	21.1128
	100.	100.	100.	100.	100.	100.	100.	100.

The tables on pages 110 & 111 of this report give by percentage the area in each county in the State devoted the past season to corn, winter wheat, spring wheat, oats, rye, pastures, meadows, potatoes and orchards.

The prominence given to the cultivation of the above named crops in each county in the State in 1884 is noted below by per cent.

## CORN AREA.

In Logan county the past season 41 per cent. of the entire area of the county was devoted to corn; Menard and Montgomery, 36; Livingston and Morgan, 35; Ford and Macon, 34; DeWitt, Marshall, McLean and Stark, 32; Champaign, 31; Henry, Iroquois, Lee and Woodford, 30; Grundy, 29; Bureau, Kendall and Warren, 28; Christian, Henderson and LaSalle, 27; DeKalb, Knox, Putnam and Sangamon, 26; Tazewell, 25; Boone, Ogle and Vermilion, 24; Edgar and Mercer, 23; Peoria, Stephenson, Will and Winnebago, 22; McDonough, Moultrie, Piatt and Rock Island, 21; Carroll, Douglas, and Whiteside, 20; Fulton, Gallatin, Hancock and Kankakee, 19; Bond and Shelby, 18; Cass, Coles, Macoupin and

Madison, 17; Clinton and Kane, 16; Adams, Brown, DuPage, Effingham, Greene, Jersey and McHenry, 15; JoDaviess, and Schuyler, 14; Clark, Cumberland, Edwards and Wabash, 13; Crawford, Jefferson, Lawrence, Mason, Pike and White, 12; Clay, Fayette, Jasper, Marion and Richland, 11; Hamilton and St. Clair, 10; Cook, Pulaski and Washington, 9; Calhoun, Lake, Pope, Scott and Wayne, 8; Massac, Monroe and Randolph, 7; Jackson, Johnson, Saline and Williamson, 6; Alexander, Perry and Union, 5; Hardin, 3; Franklin, 1.

#### WINTER WHEAT AREA.

In St. Clair county the past season 30 per cent. of the entire area of the county was occupied with winter wheat; in Monroe, 28; Washington, 27; Madison and Randolph, 26; Clinton and Jersey, 23; Montgomery, 22; Gallatin, 20; Pike, 19; Edwards, Jefferson, Macoupin, Manard and Wabash, 18; Greene, 17; Lawrence, 16; Bond, Christian and Perry, 15; Brown, Calhoun, Jackson, Richland and White, 14; Crawford, Cumberland, Effingham and Massac, 13; Edgar, Marion and Schuyler, 12; Clark, Fayette, Morgan and Shelby, 11; Alexander, Clay, Jasper, Johnson, Sangamon and Union, 10; Pope, Pulaski and Williamson, 9; Cass, Coles, Hamilton, Logan and Macon, 8; Fulton, Moultrie, Saline, Scott and Tazewell, 7; Champaign and Wayne, 6; Douglas, Hancock and Vermillion, 5; Piatt, 4; DeWitt, Mason and McDonough, 3; Franklin, Hardin, Henderson and Stephenson, 2; Carroll, Iroquois, JoDaviess, McLean, Ogle, Peoria, Putnam and Woodford, 1. In the following counties less than one percent. of the area was occupied with winter wheat last season, viz: Boone, Bureau, Cook, DeKalb, DuPage, Ford, Grundy, Henry, Kane, Kankakee, Kendall, Knox, Lake, LaSalle, Lee, Livingston, Marshall, McHenry, Mercer, Rock Island, Stark, Whiteside, Will, Winnebago and Warren.

#### AREA IN OATS.

In Livingston, Ogle, Will and Winnebago counties the past season 17 per cent. of the entire area of the county was occupied with oats; in Boone and Woodford, 16; DeKalb, Henry, Kendall, McLean, Stark and Stephenson, 15; Grundy and Marshall, 14; Ford, Iroquois, Knox, DaSalle and Warren, 13; Champaign, Cook, Lee and Mercer, 12; Bureau, Carroll, DeWitt, Kane, Macon, Peoria and Tazewell, 11; Hancock, JoDaviess, Kankakee and McHenry, 10; DuPage, Henderson, Lake, Logan, McDonough, Putnam, Rock Island, Washington and Whiteside, 9; Clinton, Montgomery and Vermilion, 8; Bond, Clay, Douglas, Marion and Moultrie, 7; Adams, Christian, Edwards, Fayette, Fulton, Piatt, Richland and Shelby, 6; Clark, Cumberland, Jasper, Jefferson, Menard, Randolph and St. Clair, 5; Cass, Coles, Edgar, Macoupin, Madison, Perry, Sangamon and Schuyler, 4; Crawford, Gallatin, Hamilton, Jersey, Lawrence, Monroe, Morgan, Wabash and Wayne, 3; Greene, Jackson, Mason, Pike and White, 2; Calhoun, Effingham, Johnson, Massac, Pope, Pulaski, Saline, Union and Williamson, 1. In the following counties less than 1 percent. was occupied by oats, viz: Alexander, Brown, Franklin, Hardin and Scott.

#### AREA IN MEADOW.

The area in meadow the past season in DuPage county was 20 per cent. of the total acreage of the county; in Cook, 19; DeKalb and Kane, 18; Will, 17; Grundy, Lake and McHenry, 16; Boone, Kankakee, Kendall and Lee, 15; Livingston, 13; JoDaviess, LaSalle, Marshall, Ogle, Rock Island and Winnebago, 12; Carroll, Ford, Henry, Iroquois, Knox, Stephenson, Tazewell and Whiteside, 11; Bureau, Christian, Cumberland, Douglas and Mercer, 10; Edgar, Hancock, McLean, Menard, Peoria, Richland, Shelby, Stark, Vermilion and Warren, 9; Champaign, Clay, Edwards, Effingham, Macon, Morgan and Woodford, 8; Adams, Brown, Clark, Coles, DeWitt, Fulton, Jasper, Marion, Montgomery, Macoupin, Madison, McDonough, Moultrie, Sangamon and Schuyler, 6; Bond, Crawford, Fayette, Gallatin, Greene, Logan, St. Clair, Wabash and White, 5; Clinton, Hamilton, Jackson, Jersey, Johnson, Monroe, Piatt, Pike, Pulaski, Randolph and Williamson, 4; Calhoun, Jefferson, Massac, Perry, Saline and Union, 3; Cass, Pope and Washington, 2; Alexander, Franklin, Hardin, Mason and Scott, 1.



## AREA IN PASTURES.

The area in pastures the past season in McHenry was 34 per cent of the total acreage of the county; in Warren, 31; Kane, 30; Boone and DeKalb, 29; Lake, 27; Henderson, Knox and Mercer, 26; Putnam, 24; Edgar, Grundy, Henry and Kendall, 23; DuPage, Morgan, Vermilion, Will and Winnebago, 22; Hamilton, JoDaviess, McLean and Rock Island, 21; Carroll, Sangamon and Stark, 20; Bureau, DeWitt, Douglas, Menard, Ogle and Whiteside, 19; Marshall and Stephenson, 18; Champaign, Logan and Richland, 17; Cook, Greene, Iroquois, Lee, Livingston and Macon, 16; Calhoun, Christian, LaSalle, Macoupin and Montgomery, 15; Brown, Kankakee, McDonough, Schuyler and Tazewell, 14; Coles, Hancock, Peoria, Shelby and Woodford, 13; Effingham, Ford, Fulton, Lawrence and Moultrie, 12; Bond and Cumberland, 11; Adams, Cass, Jersey and Madison, 10; Clark, Crawford, Marion and Wabash, 9; Edwards and Jefferson, 8; Clay, Clinton, Jasper, Piatt, Pike and Washington, 7; Fayette and White, 6; Wayne, 5; Gallatin, Randolph, Scott and St. Clair, 4; Jackson, Monroe, Pope and Williamson, 3; Hardin, Johnson, Massac, Perry, Saline and Union, 2; Alexander, Franklin and Pulaski, 1.

## VALUE OF LAND PER ACRE.

The equalized value per acre of lands in this State for 1884 was determined by the State Board of Equalization upon a fifty per cent. valuation, and its full valuation has been determined by increasing the amount one hundred per cent.

The table on pages 118 & 119 of this report gives the full value per acre of land in each county in the State for the years 1880, 1881, 1882, 1883 and 1884, based upon the report of the State Board of Equalization.

The price per acre of the land is much below the market value as is generally the case where lands are valued for taxation.

In counties where there are large cities the value of lands is influenced by their contiguity to large centers of population, and the relative value of business and suburban property and land for farming purposes should be considered.

The counties are arranged according to the value of the lands as determined upon the above basis, commencing with counties having the highest valuation.

In Cook county the lands are valued at \$81.84 per acre; in St. Clair, \$48.22; Madison, \$35.46; Kane, \$35.42; Sangamon, \$33.54; DuPage, \$33.36; Peoria, \$31.60; Knox, \$31.50; Stark, \$30.80; Morgan, \$30.62; McLean, \$29.90; Adams, \$29.76; Macon, \$29.66; Logan, \$29.64; Woodford, \$28.84; Tazewell, \$28.78; McDonough, \$27.92; Macoupin, \$27.88; Boone, \$27.80; LaSalle, \$27.76; Bureau, \$26.84; Warren, \$26.82; Stephenson, \$26.20; Ogle, \$26.14; Champaign, \$26.12; Lake and Vermilion, \$26.06; DeKalb, \$26.02; Henry, Kendall and Will, \$26; Menard, \$25.92; Winnebago, \$25.88; Greene, \$25.18; Edgar, \$25.12; Coles, \$25.10; Marshall, \$25.02; DeWitt, \$24.22; Montgomery, \$24.12; Douglas and Putnam, \$24.10; Christian, Hancock and Piatt, \$24.08; Fulton and Jersey, \$23.34; Scott, \$23.32; McHenry, \$23.24; Mercer, \$23.12; Carroll, \$22.44; Whiteside, \$22.38; Grundy, \$22.26; Lee, \$22.18; Cass, \$21.46; Livingston, \$21.40; Pike, \$21.26; Rock Island, \$20.34; Shelby, \$18.80; Schuyler, \$18.64; Kankakee and Bond, \$18.62; Iroquois, \$18.60; Monroe, \$18.58; Moultrie and Washington, \$18.54; Henderson and Clinton, \$16.74; Mason, \$16.70; Ford, \$16.68; Randolph, \$15.80; JoDaviess, \$15.74; Wabash, \$14.96; Brown, \$14.90; Edwards, \$14.88; Clark, \$13.96; Crawford and Fayette, \$12.06; Lawrence, \$11.18; White, \$11.16; Marion, \$11.14; Cumberland, \$11.10; Perry, \$10.20; Williamson, \$10.18; Effingham, \$9.36; Jasper, \$9.32; Jefferson and Richland, \$9.30; Clay and Union, \$9.28; Jackson, \$8.36; Massac, \$7.46; Franklin, Hardin and Saline, \$7.44; Gallatin, \$7.42; Alexander and Wayne, \$6.52; Calhoun, Pope and Pulaski, \$6.50; Hamilton and Johnson, \$6.48.

## TAXATION PER ACRE.

The table on pages 114 & 115 of this report gives the rate of taxation per acre paid in each county in the State in 1882, 1883 and 1884, and includes State, county, township, school, road and bridge taxes, registered bond fund, and all other taxes, except city and incorporated town tax.

Commencing with the counties in which the taxes per acre in 1884 are the highest, the order of precedence will be as follows: The rate of taxation in Cook county is \$8.60; Peoria, \$1.15; Kane, \$1.10; Rock Island and St. Clair, 0.87; Madison, 0.81; LaSalle, 0.80; Alexander, 0.78; Moultrie, 0.75; Sangamon, 0.74; Lee, 0.72; Adams and Macon, 0.70; Logan and Stark, 0.69; Vermilion, 0.68; DeWitt, 0.64; Macoupin, 0.63; McLean and Will, 0.62; Henderson and Tazewell, 0.61; Coles, 0.59; Edgar, 0.58; Kankakee, 0.57; DuPage, Grundy and Knox, 0.54; Piatt and Wabash, 0.52; Champaign, Christian, Douglas, Morgan, Stephenson and Warren, 0.51; Fulton and Winnebago, 0.50; Bureau, Cass and Kendall, 0.49; Jersey and Whiteside, 0.48; Henry, Livingston, Menard and Mercer, 0.47; Gallatin, Marshall, McDonough and Woodford, 0.46; McHenry and Ogle, 0.45; DeKalb and Randolph, 0.44; Hancock, Mason and Shelby, 0.43; Clark and Pike, 0.42; Ford, Greene, Johnson and Montgomery, 0.41; White, 0.40; Boone, 0.39; Lake and Putnam, 0.38; Carroll, 0.37; Iroquois and Richland, 0.36; JoDavies and Scott, 0.34; Brown, Jackson and Pulaski, 0.33; Edwards and Schuyler, 0.32; Bond, Clinton, Monroe and Washington, 0.31; Crawford and Cumberland, 0.30; Marion and Perry, 0.29; Fayette, 0.28; Jasper, 0.27; Clay, Effingham, Franklin, Hamilton and Massac, 0.26; Jefferson, 0.25; Lawrence and Saline, 0.24; Union, 0.23; Williamson, 0.22; Wayne, 0.20; Hardin and Pope, 0.16, and Calhoun, 0.12.

#### PER CENT. OF ANNUAL SALES OF FARM TO VALUE OF LAND.

The full value of lands in the several counties in the State, in 1884, based upon the returns of the State Board of Equalization, is given on pages 104 & 105 of this report.

It will be seen that the per cent. of value of the farm crops and live stock marketed in 1884, to the full value of the land in many counties, indicates a very low valuation of some of the most productive lands in the State, as shown by the table on pages 104 & 105, which gives the per cent. of value of farm crops and live stock marketed, to the full value per acre of lands, for the years 1880, 1881, 1882, 1883 and 1884.

In Gallatin county the full value of the lands in 1884, as determined by the State Board of Equalization, was \$7.42 per acre, while the average value of the live stock marketed was 53 cents, and the average value per acre of farm crops produced in 1884 was \$5.87,—a total average per acre for the stock and crop returns, for the season of 1884, of \$6.40, or 86 per cent. of the assessed value of the land.

In Pulaski county the returns for crop and stock products produced in 1884 amounted in value to 61 per cent. of the full equalized value of the land, and the per cent. is as follows in the remaining counties of the State: Calhoun, 56 per cent.; McHenry, 58; JoDavies, 56; Union, 51; Pope, 50; Boone, 49; DeKalb, 48; Johnson and Massac, 46; Brown, 45; Cumberland, DuPage and Effingham, 44; Carroll, Henderson, Jackson, Kane and Lee, 42; Monroe and Richland, 41; Saline, 40; Stephenson and Wayne, 39; Jefferson, Ogle, Randolph, White and Winnebago, 38; Alexander and Schuyler, 37; Clinton, Edwards, Grundy, Lawrence, Putnam and Warren, 36; Clay, Livingston, Mercer, Rock Island, Stark and Will, 35; Kendall, 34; Ford, Henry, Iroquois, Lake and Marshall, 33; Jasper and Menard, 32; Kankakee, Pike and Whiteside, 31; Fulton, Jersey, Knox, LaSalle, Macon, Shelby, Wabash and Williamson, 30; Bureau, Crawford and Morgan, 29; Christian and DeWitt, 28; Marion, McDonough, McLean and Vermilion, 27; Clark, Greene and Montgomery, 26; Champaign, DuPage, Fayette, Hancock, Hardin, Logan and Moultrie, 25; Woodford, 24; Adams, Bond, Cass, Tazewell and Washington, 23; Coles, Douglas, Madison and Peoria, 22; Macoupin, Perry and Sangamon, 21; Hamilton and Piatt, 19; St. Clair, 16; Scott, 15; Franklin, 12; Mason, 11; and Cook, 10.

#### LIVE STOCK.

The attention given to the breeding of farm animals in this State is illustrated in the following tables, which give the total number and value of horses, cattle, sheep and hogs, as well as the number of head of stock to each square mile in the State during the last five years.

It will be seen that there was a slight increase in the number of horses and cattle in the State in 1884 as compared with the previous year, and a decrease in the number of hogs and sheep.

The aggregate value of the farm animals in 1884 is some less than in 1883 and 1883.

Stock.	Total number returned by assessors.				
	1880.	1881.	1882.	1883.	1884.
Horses .....	912,586	981,909	913,005	915,136	916,909
Cattle .....	1,999,788	2,045,366	2,012,902	1,969,867	1,990,927
Hogs .....	3,133,557	2,872,074	3,390,835	3,287,693	2,808,698
Sheep.....	964,696	1,088,544	1,203,183	1,264,202	933,330

## FULL VALUE.

Horses .....	\$48,479,968	\$50,839,620	\$51,524,262	\$52,883,390	\$51,107,888
Cattle .....	39,791,968	41,057,792	40,995,932	41,162,822	40,353,326
Hogs .....	9,600,728	10,709,600	10,910,322	11,535,556	10,411,480
Sheep.....	2,493,644	2,806,704	2,699,362	2,528,404	1,167,703
Totals.....	\$100,366,308	\$105,410,716	\$106,126,878	\$108,110,172	\$105,039,970

## DISTRIBUTION OF STOCK.

Stock.	Average number to each square mile in State.				
	1880.	1881.	1882.	1883.	1884.
Horses .....	16	17	17	17	17
Cattle .....	35	38	37	34	36
Hogs .....	56	53	63	61	52
Sheep.....	18	29	22	22	17

The counties taking precedence in the number of farm animals to each square mile in the State are as follows: In horses, Cook, Kane, DeKalb, Boone, Stark, Warren, McLean and McDonough. In the following dairy counties the number of cattle to each square mile exceeds those in other counties in the State, viz: Kane, McHenry, DeKalb, Boone and DuPage. The counties of Stark, Mercer, Stephenson, Warren and Henry take precedence in the number of hogs to each square mile in the State.

Sheep breeding receives more attention in the counties of Lake, McHenry and Edwards than in any other counties in the State.

## HORSES.

The attention given to horse breeding in the several counties in the State is indicated in the table published on page 94 of this report, which gives the number of horses to each square mile in the State during the past five years.

It requires over fifty thousand horses to make an additional animal to each square mile. The number of horses to each square mile has averaged seventeen for the past four years.

It has been the practice of the State Board of Equalization of late years to rate property at 50 per cent. of its equalized cash value, and in determining the value of horses the amount reported for this period should be increased one hundred per cent.



The following table gives the number and value of the horses in the State the past twenty-eight years as returned by assessors:

## HORSES.

Year.	Assessors' Returns.		Number colts foaled.	Died of Disease.		Av. No. to each square mile.
	Number.	Value.		Number.	Value.	
1856	407,736	\$23,118,584				
1857	467,531	25,431,171				
1858	513,030	23,680,592				
1859	532,247	21,404,351				
1860	590,963	22,359,202				
1861	625,242	21,064,138				
1862	664,194	19,893,415				
1863	652,500	21,714,620				
1864	723,751	25,148,498				
1865	793,259	28,055,559				
1866	792,751	27,364,215				
1867	843,610	32,625,865				
1868	854,852	29,025,015				
1869	874,237	27,702,942				
1870	875,009	25,081,419				
1871	880,254	23,986,565				
1872	892,250	24,450,717				
1873	952,002	48,855,005				
1874	926,573	42,549,570				
1875	923,468	37,813,706				
1876	929,910	34,332,330				
1877	915,995	31,054,628				
1878	904,948	26,817,560				
1879	887,238	23,624,921	49,952	24,877	\$1,417,989	16
1880	912,586	24,239,974	72,764	36,087	2,056,959	16
1881	931,909	25,418,310	80,150	41,000	2,251,016	17
1882	913,005	25,762,131	71,843	35,951	2,198,881	17
1883	915,136	20,341,695	81,618	30,049	1,939,434	17
1884	916,909	26,053,694				17

The table on pages 96 & 97 of this report gives the number of colts foaled in each county in the State in 1879, 1880, 1881, 1882 and 1883.

The following counties are entitled to precedence according to the number of colts foaled in 1883: In McLean there were 3,283 foals; LaSalle, 2,987; Livingston, 2,389; Warren, 2,128; Bureau, 2,116; Iroquois, 20,48; Knox, 1,868; Fulton, 1,837; Henry, 1,772; Sangamon, 1,719.

In the following counties there are cities having upwards of ten thousand inhabitants, and the number of horses required for business purposes therein should be taken into consideration in determining the interest given to horse breeding at these large centres of population, viz: Adams (Quincy), Cook (Chicago), Kane (Aurora and Elgin), Knox (Galesburg), McLean (Bloomington), Macon (Decatur), Peoria (Peoria), Rock Island (Rock Island), Sangamon (Springfield), St. Clair (Belleville and East St. Louis), Will Joliet Winnebago (Rockford).

Commencing with the counties having the largest number of horses to each square mile in 1883, the counties take precedence as follows: In Cook county there were 45 horses to each square mile; in Kane and Stark, 24; Boone, DeKalb, Knox, LaSalle, McDonough, McLean and Warren, 23; Henry, Livingston, Mercer, Ogle and Winnebago, 22; Kendall, Macon, Peoria and Sangamon, 21; Bureau, McHenry, Stephenson, Whiteside and Woodford, 20; Coles, DeWitt, Douglas, DuPage, Macoupin, Putnam, Rock Island and Vermillion, 19; Champaign, Christian, Edgar, Fulton, Grundy, Hancock, Iroquois, Logan, Marshall, Montgomery, Moultrie, Piatt, Shelby, Tazewell and Will, 18; Carroll and Henderson, 17; Brown, JoDaviess, Lee and Scott, 16; Adams, Lake and Schuyler, 15; Bond, Edwards, Fayette, Ford, Greene, Jersey, Madison and Marion, 14; Effingham, Menard, Pike and St. Clair, 13; Cass, Clark, Clay, Cumberland, Hamilton, Jefferson and Lawrence, 12; Crawford, Jasper, Kankakee, Morgan, Washington, White and Williamson, 11; Clinton, Franklin, Gallatin, Richland and Union, 10; Perry, Randolph and Wabash, 9; Jackson, Mason, Monroe, Pope, Saline and Wayne, 8; Hardin, Johnson and Pulaski, 7; Alexander and Calhoun, 6; Massac, 5.

## CATTLE.

The following table gives the number and assessed value of cattle, as well as the number, weight and value of cattle marketed in the State during the past twenty-nine years. The value of cattle of late years has been fixed upon a basis of one-half the market value by the State Board of Equalization.

Year.	Assessors' Returns.		Estimated per cent market'd	Number beef cattle marketed.	Av. gross weight per head .....	Total gross weight.	Value per 100 pounds gross.	Value beef cattle marketed.
	Number.	Value.....						
1856.....	1,169,855	\$15,572,065	20	239,971	*1,000	233,971,000	*\$4 75	\$11,113,622
1857.....	1,351,209	16,171,830	20	270,242	*1,000	270,242,000	*4 75	12,836,495
1858.....	1,422,249	44,442,821	20	284,450	*1,000	281,450,000	*4 75	13,541,375
1859.....	1,336,565	12,371,600	20	267,513	*1,000	267,513,000	*4 75	12,706,867
1860.....	1,425,978	12,468,537	20	285,196	*1,000	285,196,000	*5 00	14,259,800
1861.....	1,428,362	11,494,803	20	285,672	*1,000	285,672,000	*5 00	14,283,000
1862.....	1,603,916	11,032,662	20	320,790	*1,000	320,790,000	*5 00	16,039,500
1863.....	1,684,892	12,699,732	20	336,978	*1,000	336,978,000	*5 00	16,848,900
1864.....	1,370,783	13,709,418	20	374,157	*1,000	374,157,000	5 05	13,844,928
1865.....	1,568,280	14,285,862	20	213,656	*1,000	213,656,000	5 70	12,178,392
1866.....	1,435,769	13,279,620	20	287,154	*1,000	287,154,000	5 60	16,080,626
1867.....	1,486,341	17,179,165	20	297,276	*1,000	297,276,000	5 75	17,093,370
1868.....	1,520,963	15,810,830	20	304,195	1,085	340,049,405	5 75	18,977,840
1869.....	1,584,445	15,497,350	20	316,889	1,103	346,528,567	5 70	19,923,130
1870.....	1,578,015	14,555,331	20	315,603	1,110	350,319,330	5 85	20,493,679
1871.....	1,611,349	14,605,415	20	322,270	1,129	363,842,830	4 75	17,282,533
1872.....	1,634,029	14,778,925	20	336,809	1,137	382,948,422	4 85	18,572,997
1873.....	2,015,819	35,776,899	20	403,164	1,145	461,622,780	4 50	20,773,026
1874.....	2,042,327	31,928,374	20	408,465	1,152	470,551,689	4 85	22,821,757
1875.....	1,935,155	28,323,950	20	397,031	1,147	455,394,557	4 85	22,086,633
1876.....	1,857,301	24,827,932	20	371,460	1,156	429,407,760	4 05	17,891,016
1877.....	1,750,931	21,677,643	24	423,984	1,097	448,151,088	4 25	19,046,421
1878.....	1,775,401	19,861,633	20	357,816	1,021	365,458,112	3 45	12,608,304
1879.....	1,862,265	18,893,811	24	457,331	980	448,463,450	3 50	15,696,219
1880.....	1,999,788	19,895,484	23	473,727	1,042	493,554,661	3 64	18,014,743
1881.....	2,045,366	20,528,846	23	470,424	1,129	531,280,052	4 15	21,950,890
1882.....	2,012,902	20,497,966	23	462,943	1,118	517,619,770	4 45	23,135,715
1883.....	1,959,867	20,581,411	23	453,055	1,062	481,144,410	4 25	20,448,637
1884.....	1,990,927	20,176,698	23	457,887	1,093	500,412,461	4 50	22,521,246

\* Estimated.

The increase in the assessed number of cattle in the State in 1884, as compared with the previous year, is 21,060. The depressed condition of the times has had much to do with the depreciation in the aggregate value of the cattle of the State.

Increased attention is given each succeeding year to the improvement of cattle in this State, and cattle of less than the average in quality are the exception.

In point of number the following leading cattle counties are entitled to precedence. In LaSalle county there were 52,344 head of cattle at time of last assessment. In McLean, 50,169; Ogle, 49,717; McHenry, 47,025; DeKalb, 45,324; Henry, 42,851; Iroquois, 42,720; Bureau, 49,983; Knox, 39,479; Sangamon, 39,428 and Will, 39,333.

The number of cattle on the average to each square mile in the State is thirty-six head, an increase of two head to each square mile as compared with the previous year.

The latest returns show that there are 93 head of cattle of all ages to each square mile in Kane county; McHenry, 78; DeKalb, 72; Boone, 70; DuPage, 68; Ogle, 66; Stephenson, 65; JoDaviess, 64; Winnebago and Peoria, 63; Carroll, 61; Kendall, 59; Mercer, 58; Knox, 56; Whiteside, 55; Henry, 53; Lee, 50; Cook and Lake, 49; Rock Island and Will, 48; LaSalle, Stark and Warren, 47; Bureau and Sangamon, 46; Douglas and McDonough, 45; Edgar, 44; Grundy and McLean, 43; Coles, Hancock and Henderson, 42; Fulton and Putnam, 41; Iroquois and Marshall, 39; Schuyler, 38; DeWitt and Vermilion, 37; Woodford, 36; Edwards and Macon, 34; Christian, Livingston, Moultrie and Tazewell, 33; Menard, Morgan, Piatt and Shelby, 32; Brown, Champaign and Greene, 31; Kankakee and Macoupin, 30; Adams.

Cass and Logan, 29; Montgomery and Scott, 25; Clark, Cumberland, Ford, Hamilton, Jasper, Lawrence and Pike, 24; Clay and Wayne, 23; Effingham, Jersey, Richland and White, 22; Marion, 21; Crawford, Fayette, Jefferson, Union, Wabash and Williamson, 20; Bond and Madison, 18; Gallatin, Pope, Randolph and St. Clair, 17; Franklin, Hardin, Pulaski, Saline and Washington, 16; Jackson, 15; Clinton, Johnson and Massac, 14; Alexander, Mason and Perry, 12; Calhoun, 11; Monroe, 10.

### HOGS.

There is a large decrease in the number of hogs as compared with the previous year. According to the returns of assessors, there were 3,414,739 head of hogs in the State in 1883, and 2,008,898 hogs in 1884, a decrease during the year of 605,841.

The average gross weight of the fat hogs marketed the past season is less than that of any of the preceding twenty-eight years with the exception of 1883.

The average price of \$4.50 per hundred gross weight, obtained during the past year is much below the average for a term of years.

The following counties are entitled to precedence in the number of hogs reported by the assessors in 1881. In McLean county there were 72,307 head of hogs; Henry, 56,017; Fulton, 55,944; Bureau, 53,638; LaSalle, 51,644; Livingston, 48,722; Knox, 47,655; Ogle, 46,118 and Sangamon, 44,052.

The following table gives the number and value of Hogs as returned by assessors during the past twenty-nine years, as well as the number and value of fat hogs marketed during that period.

Year.	Assessors' Returns.		Estimated per cent. marketed.....	Number fat hogs marketed.	Av. Gross Weight per head.....	Total gross weight.	Value per 100 lbs. Gross.....	Total value hog product.
	Number.....	Value.....						
1856.....	1,596,903	\$3,375,247	70	1,117,832	+262	292,871,984	\$4 75	\$13,911,420
1857.....	1,893,585	4,032,588	70	1,325,509	+262	347,281,358	3 90	13,544,049
1858.....	1,908,603	3,482,116	70	1,336,022	+262	350,037,704	5 05	17,076,909
1859.....	1,725,328	2,495,042	70	1,207,730	+262	316,425,260	4 70	14,871,989
1860.....	1,530,256	2,745,915	70	1,071,179	+262	280,618,898	4 55	12,769,525
1861.....	2,196,581	4,032,874	70	1,537,607	+262	402,853,034	2 45	9,869,898
1862.....	2,601,395	3,198,807	70	1,820,976	+262	477,095,712	3 35	15,982,706
1863.....	2,506,188	3,294,729	70	1,754,296	+262	459,625,552	5 35	24,589,964
1864.....	2,044,844	2,799,158	70	1,431,391	+262	375,024,442	11 45	42,940,294
1865.....	1,743,005	3,859,621	70	1,220,103	288	351,389,664	9 35	32,854,937
1866.....	2,007,500	4,474,354	70	1,405,250	290	407,522,500	5 75	23,432,544
1867.....	2,616,814	5,230,731	70	1,831,770	251	459,774,270	6 35	29,195,668
1868.....	2,300,150	3,092,869	70	1,610,105	257	418,796,985	8 15	33,724,455
1869.....	2,056,304	3,929,832	70	1,429,413	256	365,929,728	9 20	33,665,532
1870.....	2,220,651	4,114,108	70	1,554,456	287	416,128,872	5 25	23,421,767
1871.....	2,938,719	4,613,529	70	2,057,124	284	581,223,216	4 10	23,938,151
1872.....	3,292,165	4,060,736	70	2,004,515	290	608,309,350	3 75	25,061,599
1873.....	3,560,192	11,279,720	70	2,494,134	267	665,359,778	4 35	28,944,891
1874.....	3,452,213	8,972,402	70	2,416,549	261	630,719,289	6 15	41,942,833
1875.....	2,803,969	8,157,128	70	1,966,978	271	533,051,038	7 05	37,580,095
1876.....	2,665,935	8,934,673	70	1,866,154	268	500,129,272	5 75	28,757,435
1877.....	2,961,366	7,580,920	82	2,455,573	252	618,804,396	4 25	26,299,187
1878.....	2,335,550	4,991,275	63	2,271,493	212	550,955,097	2 80	15,426,743
1879.....	2,799,051	3,812,338	90	2,543,278	276	702,102,812	3 30	23,169,392
1880.....	3,233,557	4,800,364	84	2,642,606	218	656,485,450	4 00	26,259,416
1881.....	2,872,074	5,354,800	71	2,039,149	231	492,096,606	5 26	25,946,974
1882.....	*3,390,335	5,455,161	83	2,813,961	244	686,908,678	6 40	43,832,117
1883.....	*3,414,739	5,767,778	83	2,834,220	233	686,454,022	4 75	32,772,001
1884.....	2,808,898	5,205,740	83	2,313,374	236	549,650,757	4 50	24,886,854

† Estimated.

\* Agricultural statistics returned by assessors.

The total value of the hog product of the State for 1884 is less than that of any year since 1872, with the exception of 1878 and 1879.

The table on page — of this report, gives the number of hogs to each square mile in the State during the past five years.



In 1880 there were 58 hogs on the average to the square mile; in 1881, 53; in 1882, 63; in 1883, 63; in 1884, 52.

The average number of hogs in each county in the State in 1884 per square mile, is as follows: In Stark, 119; Mercer, 86; Stephenson and Warren, 85; Henry, 84; Knox, 82; McDonough, 80; Fulton, 78; McLean, 75; DeKalb, 73; Macon and Marshall, 72; Peoria, 71; Logan, 69; DeWitt, 68; Piatt and Woodford, 67; Schuyler, 66; Kendall, 64; Boone and Coles, 63; Christian, Sangamon and Scott, 62; Henderson, JoDaviess and Putnam, 61; Adams, Brown, Douglas and Winnebago, 59; Livingston, Moultrie and Rock Island, 57; LaSalle, Menard, Shelby and Vermilion, 56; Tazewell, 55; Whiteside, 54; Champaign, Edwards, Hamilton and Montgomery, 53; Pike and Williamson, 52; Hancock, Kane and Macoupin, 51; Greene, 49; Edgar and White, 48; Pope, 46; Hardin, 45; Madison and Union, 44; DuPage, Johnson, Lee and McHenry, 43; Cass, Fayette, Iroquois, Morgan and Saline, 42; Crawford, Cumberland and Ford, 41; Jersey, 40; Clark, Franklin and Gallatin, 38; Clay, Jefferson and Lawrence, 36; Jasper, 35; Massac and Wabash, 33; Marion, 32; Randolph and St. Clair, 31; Bond and Jackson, 30; Effingham and Pulaski, 29; Grundy and Lake, 28; Monroe, Washington and Will, 26; Richland, 25; Calhoun and Wayne, 24; Alexander, Clinton and Mason, 23; Cook, 16; Perry, 15; Kankakee, 14.

## SHEEP.

The assessors' returns for 1884 show that the number of sheep in the State is less than that of any year since 1862, with the exception of the years 1875, 1876, 1877, 1878 and 1879.

The low price of wool the past few years has had much to do with the decrease in the number of sheep.

The number and value of sheep assessed, as well as the number and value of fat sheep marketed in the State during the past twenty-nine years, are given in the following table:

Year.	Assessors' Returns.		Estimated per ct. marketed	Number fat sheep marketed.	Ave. gross wt. per head.....	Total gross weight.	Value per 100 lbs., gross....	Value fat sheep product.
	Number.	Value.						
1856	786,433	\$940,034	20	157,286	†90	14,155,740	†3 50	\$495,450
1857	760,602	881,126	20	152,120	†90	13,690,300	†3 70	506,560
1858	760,793	806,455	20	152,158	90	13,694,220	2 30	314,967
1859	647,334	682,082	20	129,467	91	11,791,497	3 80	447,694
1860	584,430	695,035	20	116,886	95	11,104,170	3 39	366,440
1861	731,819	747,437	20	146,276	104	15,212,704	3 30	366,439
1862	913,024	982,285	20	182,605	102	18,625,710	3 90	625,402
1863	1,206,625	1,910,654	20	241,325	110	26,575,750	4 95	1,214,012
1864	1,606,144	2,876,696	20	321,229	111	35,656,319	5 91	2,107,293
1865	2,165,972	3,955,102	20	433,194	†90	38,987,400	5 65	3,202,788
1866	2,415,900	3,283,595	20	483,016	104	50,243,664	4 35	2,185,196
1867	2,599,998	3,512,590	20	519,999	98	50,950,902	†4 25	2,195,796
1868	2,336,716	2,337,896	20	467,443	†90	42,960,870	3 80	1,598,314
1869	1,957,513	1,612,472	20	391,513	85	33,278,605	3 85	2,281,226
1870	1,434,296	994,610	20	286,847	†90	25,816,230	4 19	1,054,464
1871	1,073,497	732,254	20	214,699	†90	19,322,910	4 40	850,207
1872	1,010,475	1,024,468	20	202,095	†90	17,188,550	4 15	754,826
1873	1,092,104	2,135,593	20	218,421	†90	19,657,890	4 75	933,750
1874	1,036,831	1,676,090	20	207,366	†90	18,962,944	4 40	821,168
1875	928,056	1,99,397	20	185,611	†90	16,704,990	4 90	818,545
1876	824,854	1,185,736	20	161,971	†90	14,847,390	4 50	668,133
1877	757,105	1,008,054	*31	241,422	95	23,176,512	4 40	1,019,766
1878	775,757	893,036	*18	144,762	86	12,551,597	3 80	476,201
1879	817,101	930,607	*22	191,398	94	18,071,371	2 98	558,528
1880	964,696	1,246,822	*20	193,384	92	17,873,358	3 40	605,448
1881	1,088,544	1,403,352	*24	261,230	101	26,550,072	3 55	938,861
1882	1,203,183	1,348,181	22	264,576	101	26,641,005	3 60	954,863
1883	1,141,104	1,264,202	22	251,031	102	25,506,495	3 40	874,853
1884	933,330	1,083,853	22	205,322	100	20,603,042	3 30	679,758

† Estimated. \* Assessors' returns. ‡ Ag. statistics returned by assessors.

The value of fat sheep has not been lower than the past season (1884) but twice (1858 and 1879) during the past twenty-nine years.

### DISTRIBUTION OF SHEEP.

The number of sheep in the State to the square mile will average 17 head.

The following counties take the lead of the other counties in the State in point of number of sheep, as shown by the last assessment:

In Lake county there were 55,513 head of sheep; McHenry, 36,728; McLean, 29,699; Vermilion, 27,639; Shelby, 22,091; Fulton, 21,382; Macoupin, 18,899; Wayne, 16,846; Montgomery, 16,381; Sangamon, 15,915.

The table on page — of this report gives the average number of sheep to each square mile in the various counties of the State.

The average number of sheep in each county of the State, in 1884, per square mile, is as follows: In Lake, 125; McHenry, 61; Edwards, 56; DeWitt, 38; Crawford, 35; Richland, 33; Boone, 32; Vermilion, 31; Shelby, 29; Kendall, 28; Brown and Williamson, 27; Bond, Clay and Edgar, 26; Fulton, Lawrence, McLean and Stark, 25; Wayne, 24; Fayette, Knox, Marion and Montgomery, 23; Hamilton, Macoupin, Pope, Saline and Wabash, 22; Jasper and Winnebago, 21; Jefferson and Marshall, 20; Christian, Clark, Coles, Johnson and Kendall, 19; McDonough and Sangamon, 18; Adams, DuPage, Franklin, Knox and Randolph, 17; Douglas, Effingham, Hardin, Kane, Pike, Schuyler and Tazewell, 16; Cumberland, JoDaviess, Menard, Morgan, Scott, Stephenson and Union, 15; Champaign, Clinton, Jersey, Mason, Madison, Peoria, Putnam and White, 14; DeKalb, Greene and Piatt, 12; Bureau, LaSalle, Logan, Moultrie, Warren and Washington, 11; Ford, Mercer and Ogle, 10; Gallatin, Henry, Perry, St. Clair and Woodford, 9; Hancock, Jackson and Lee, 8; Livingston, Pulaski, Rock Island and Whiteside, 7; Carroll, Iroquois and Will, 6; Grundy, Henderson, Kankakee, Massac and Monroe, 5; Alexander, Cass and Cook, 4; Calhoun, 3; Mason, 1.

### WOOL.

The wool clip in each county in the State, in 1874, is given on page — of this report.

The amount of wool produced in the State in 1884, of 4,584,935 pounds, exceeds that of either of the preceding years. The value per pound of wool the past season is less than that of the preceding seven years, and, with the exception of 1878, the aggregate value of the late wool clip of the State is less than that of any year mentioned in the following table, which gives the amount and value of the past eight wool clips of the State.

The table is compiled from the assessors' returns and the statistical reports made to the Illinois Department of Agriculture.

### WOOL.

Year.	Number pounds shorn	Value per pound.	Total value.
1877.....	3,291,677	\$0 30	\$987,508
1878.....	2,891,087	25	722,752
1879.....	3,944,558	35	1,380,595
1880.....	4,757,983	34	1,617,698
1881.....	4,636,711	29	1,344,646
1882.....	4,570,081	27	1,243,922
1883.....	4,447,808	26	1,099,822
1884.....	4,534,935	21	912,418

### VALUE OF ANIMAL PRODUCTS.

The annual value of the animal products in 1884 exceeded one million of dollars in twenty-one counties.

The total value of cattle, hogs, sheep, dairy products and the wool clip in each county in the State, for 1884, is given on page — of this report.

The dairy counties of the State make a very favorable showing for this large and growing industry, which has added so largely to the wealth of the northern division of the State.

The value of animal products in Kane county was \$2,712,676, an amount approached only in McHenry county, where the value of animal products was \$2,249,526. The other counties in the State take precedence as follows: DeKalb, \$1,910,526; LaSalle, \$1,719,096; McLean, \$1,701,475; Cook, \$1,603,422; Bureau, \$1,375,658; DuPage, \$1,331,512; Ogle, \$1,304,466; Fulton, \$1,164,940; Henry, \$1,154,830; Will, \$1,141,391; Sangamon, \$1,135,456; Livingston, \$1,122,128; Knox, \$1,105,972; Vermilion, \$1,086,910; Lee, \$1,083,629; Boone, \$1,082,936; Stephenson, \$1,077,350; Winnebago, \$1,039,060; Lake, \$1,032,265; Iroquois, \$964,985; Whiteside, \$942,405; Hancock, \$911,339; JoDaviess, \$875,140; Mercer, \$853,572; Champaign, \$843,940; Warren, \$807,529; Carroll, \$803,119; Peoria, \$799,703; Adams, \$792,808; Logan, \$740,165; Macoupin, \$735,131; Christian, \$732,029; McDonough, \$722,719; Tazewell, \$701,668; Shelby, \$698,992; Pike, \$671,789; Macon, \$662,010; Edgar, \$652,105; Stark, \$638,411; Morgan, \$594,256; Coles, \$591,699; Marshall, \$568,679; Rock Island, \$542,026; Kendall, \$530,464; Montgomery, \$527,547; Madison, \$483,773; Greene, \$481,828; Schuyler, \$480,626; Woodford, \$476,099; Grundy, \$464,462; Kankakee, \$444,040; DeWitt, \$429,981; Henderson, \$422,730; Piatt, \$405,604; St. Clair, \$394,341; Fayette, \$359,485; Menard, \$346,459; Ford, \$324,506; Cass, \$318,547; Brown, \$305,553; Douglas, \$295,143; Wayne, \$293,028; White, \$291,312; Randolph, \$288,846; Jersey, \$282,207; Clark, \$278,725; Jasper, \$253,749; Moultrie, \$252,579; Jefferson, \$251,752; Crawford, \$248,387; Hamilton, \$238,491; Putnam, \$236,596; Scott, \$232,416; Marion, \$220,475; Effingham, \$215,895; Williamson, \$219,520; Saline, \$206,882; Washington, \$205,432; Clay, \$204,415; Edwards, \$195,877; Lawrence, \$186,367; Mason, \$183,206; Cumberland, \$181,782; Bond, \$179,462; Jackson, \$158,983; Union, \$154,407; Clinton, \$150,485; Pope, \$149,598; Franklin, \$142,538; Monroe, \$130,564; Johnson, \$128,362; Richland, \$123,973; Gallatin, \$106,409; Wabash, \$101,210; Calhoun, \$93,211; Perry, \$89,824; Massac, \$88,293; Hardin, \$79,125; Pulaski, \$66,458; Alexander, \$37,719.

The difference in the area of the various counties makes it necessary, in order to determine with any degree of accuracy the extent of the sale of animal products in each county by comparison, to arrange the counties according to the amount of sales per acre.

The value per acre of the animal products produced in the counties in the State in 1883 entitles the counties to precedence as follows:

Kane, \$8.40; DuPage, \$6.46; Boone, \$6.08; McHenry, \$5.85; DeKalb, \$4.74; Lake, \$3.63; Stark, \$3.52; Winnebago, \$3.22; Cook, \$3.12; Stephenson, \$3.01; Ogle, \$2.72; Carroll, \$2.62; Kendall, \$2.56; Bureau, \$2.51; Knox, \$2.47; Mercer, \$2.45; LaSalle, \$2.41; Warren, \$2.38; JoDaviess and Lee, \$2.32; Marshall and McLean, \$2.29; Henry, \$2.24; Putnam, \$2.23; Whiteside, \$2.18; Will, \$2.17; Fulton, \$2.12; Peoria, \$2.07; Sangamon, \$2.06; Rock Island, \$2.03; McDonough, \$1.98; Vermilion, \$1.92; Logan, \$1.83; Coles, \$1.81; Macon, \$1.80; Henderson, \$1.77; Hancock, \$1.74; Grundy and Menard, \$1.73; Schuyler, \$1.72; DeWitt, Livingston and Tazewell, \$1.71; Christian and Edgar, \$1.63; Morgan, \$1.62; Brown, \$1.62; Adams, \$1.50; Scott, \$1.46; Shelby, \$1.44; Piatt and Woodford, \$1.41; Greene, \$1.40; Edwards, \$1.39; Iroquois, \$1.37; Macoupin, \$1.35; Champaign, \$1.33; Cass, \$1.32; Pike, \$1.30; Jersey, \$1.21; Montgomery, \$1.19; Moultrie, \$1.16; Douglas, \$1.11; Madison, \$1.08; Kankakee, \$1.05; Ford, \$1.03; St. Clair, .94; White, .93; Crawford, .90; Hamilton, .87; Clark and Saline, .86; Fayette, .85; Cumberland, Jasper and Williamson, .82; Randolph, .81; Lawrence, .80; Effingham, .76; Clay, Hardin and Jefferson, .72; Bond, .71; Union, .67; Wabash, .66; Wayne, .65; Marion and Pope, .64; Johnson, .61; Washington, .60; Massac and Pulaski, .59; Franklin, .55; Monroe, .55; Richland, .54; Gallatin, .53; Calhoun and Mason, .51; Clinton, .49; Jackson, .48; Perry, .36; Alexander, .33.



## CORN.

The area of the 1884 corn crop of the State of 6,898,819 acres is less than that of any year since 1873. The average yield of corn per acre the past season of 33 bushels has not been exceeded but twice during the past twelve years, viz: 1885, 34 bushels, and 1879, 38 bushels. The aggregate yield of corn the past season was 207,556,622 bushels, and exceeds that of the three preceding years. The average farm price of corn of 29 cents per bushel obtained for the late crop is lower than that of any preceding year since 1860, excepting 1861 (24), 1872 (24), 1877 (23), and 1878 (22). The following table shows the late crop of corn to be worth \$60,300,153.00. During the past twenty years the value of the corn crop of the State has not been as low but five seasons, viz: 1865, 1868, 1872, 1873 and 1878.

## ACRES, YIELD AND VALUE.

Year.	Number of acres ...	Average yield per acre—bushels.....	Bushels produced..	Price per bushel—cents.....	Total value .....	Value per acre.....	% of production per acre .....	Total cost of production .....	Profit .....	Loss .....
1860..	3,839,159 30		115,174,770	42½	\$48,944,277	\$12 74	10 50	\$40,311,169	\$8,633,108	.....
1861..	3,839,159 30		115,174,770	24	27,641,914	7 00	10 50	40,311,169	.....	\$12,669,225
1862..	3,438,903 40		138,356,120	23	31,821,911	9 49	10 50	36,318,481	.....	3,496,570
1863..	3,773,349 22		85,013,681	62	51,479,442	13 64	10 50	39,620,161	11,859,278	.....
1864..	4,192,610 33		138,356,130	75	103,767,101	24 75	10 50	44,022,405	59,744,696	.....
1865..	5,032,996 35¼		177,095,852	29½	51,800,536	10 31	10 50	52,751,958	.....	951,422
1866..	4,931,783 31 6		155,844,350	43	67,031,070	13 58	10 50	51,783,721	15,229,349	.....
1867..	4,583,655 23 8		109,091,000	68	74,281,880	16 20	10 50	48,128,377	26,153,503	.....
1868..	3,928,742 34 2		134,363,000	43	57,786,090	14 70	10 50	41,251,791	16,524,299	.....
1869..	5,237,068 23 2		121,500,000	57	69,255,000	13 22	10 50	54,989,214	14,265,786	.....
1870..	5,720,965 35 2		202,378,000	35	70,482,300	12 32	10 50	60,070,132	10,412,168	.....
1871..	5,310,469 38 3		204,391,000	32	65,085,120	12 25	10 50	55,759,921	9,325,196	.....
1872..	5,468,040 39 8		217,628,000	24	52,230,720	9 53	10 50	57,474,420	.....	5,183,700
1873..	6,839,714 21		143,684,000	32	45,962,880	6 72	10 50	71,816,997	.....	25,854,117
1874..	7,421,055 18		133,579,000	56	74,804,240	10 08	10 50	77,921,077	.....	3,116,837
1875..	8,163,265 34 3		280,000,000	34	95,200,000	11 66	10 50	85,714,282	9,485,718	.....
1876..	8,920,000 25		223,000,000	31	69,130,000	7 75	10 50	93,660,000	.....	24,530,000
1877..	8,935,411 30		269,889,742	28	77,562,879	8 68	10 50	93,821,815	.....	16,258,936
1878..	8,672,083 29		250,560,810	22	56,035,842	6 46	10 50	91,056,924	.....	35,021,082
1879..	7,918,831 38		305,913,377	32	97,483,052	12 16	10 50	83,148,250	14,334,802	.....
1880..	7,574,545 33		250,697,036	33	83,757,049	11 56	10 50	79,411,857	4,345,182	.....
1881..	7,157,334 24		174,491,706	53	93,323,977	12 72	10 52	75,303,074	18,025,903	.....
1882..	7,371,950 24		179,471,729	42	76,528,755	10 08	10 55	77,802,326	.....	1,273,571
1883..	7,304,596 25		186,583,558	36	68,067,698	9 00	10 50	76,609,138	.....	8,621,440
1884..	6,898,819 33		207,556,622	29	60,300,153	8 74	10 45	72,080,712	.....	11,780,559

\* Estimated same as reported for 1860.

## CONDITION OF CORN.

The condition of corn during the growing season, the average yield per acre, and the average monthly rainfall for said months, for a term of years, is given in the following table:

Year.	May.	June.	July.	August.	Average condition for season.	Average monthly rainfall— inches.	Average yield p'r acre— bushels.
1877.....	.....	83	82	76	80	.....	30
1878.....	.....	77	84	83	81	3.03	29
1879.....	.....	87	101	103	97	2.76	33
1880.....	.....	100	100	90	97	3.23	33
1881.....	69	88	87	70	78	3.60	24
1882.....	103	77	68	65	98	4.11	24
1883.....	.....	80	83	88	84	3.91	26
1884.....	.....	88	68	66	74	3.62	33
Average.....	.....	85	84	80	83	3.48	29

The season was very favorable for maturing the late crop, and the quality of the corn is much above the average.

## AVERAGE YIELD OF CORN.

The yield of corn per acre for a term of years is given herewith. The counties in the State are arranged according to the extent of yield per acre, precedence being given to the counties in which the yield has been the largest.

The yield of corn in Scott county the past nine years averages 40 bushels; in Greene and St. Clair, 38; JoDaviess and Mercer, 37; Putnam, Stark and Stephenson, 36; DeKalb, Kane, Morgan, Sangamon and Warren, 35; DuPage, McHenry and Monroe, 34; Boone, Carroll and Schuyler, 33; Calhoun, Cass, Lake, Logan, Madison and Winnebago, 32; Adams, Cook, Jersey, Knox, Macon, Marshall and Rock Island, 31; Edgar, Henderson, Henry, Lee, Menard, Ogle, Peoria, Piatt, Pike and Will, 30; Alexander, Brown, DeWitt, Fulton, Macoupin, McDonough, McLean, Randolph, Vermilion and Whiteside, 29; Campaign, Kendall, Pulaski, Shelby, Tazewell and Union, 28; Bureau, Christian, Douglas, Gallatin, Hancock, Johnson, LaSalle, Massac and Woodford, 27; Coles, Crawford, Montgomery, Moultrie, Pope, Saline and Wabash, 26; Franklin and Hardin, 25; Clark, Grundy, Iroquois, Kankakee, Washington and White, 24; Ford, Jackson, Livingston and Williamson, 23; Bond, Hamilton and Jefferson, 22; Clinton, Cumberland, Effingham, Lawrence and Wayne, 21; Jasper, 20; Edwards, Marion, Mason and Richland, 19; Fayette and Perry, 18; Clay, 16.

The average yield per acre of corn in the three divisions of the State the past seven years is given in the following table. It will be seen that the largest average is obtained in the northern counties, and that the average yield per acre in the central counties is much larger than in the southern counties for the years named in the table.

Division.	Average yield per acre—bushels.							Averages.
	1878	1879.	1880.	1881.	1882.	1883.	1884.	
Northern .....	36	39	37	27	23	22	24	31
Central.....	27	39	34	28	23	29	31	30
Southern .....	22	35	24	6	30	28	24	24
Average.....	28+	38	32+	20+	25	26	29+	28





# RANGE OF PRICES.

The table on page 22 of this report gives the range of prices for No. 2 corn at Chicago, each month, during the past eleven years.

The highest and lowest prices obtained for No. 2 corn at Chicago each year since, and including 1873, are given in the following table:

Year.	Lowest.		Highest.	
	Month.	Price.	Month.	Price.
1873.....	January.....	30 @30 $\frac{3}{8}$	December.....	44 $\frac{1}{2}$ @54
1874.....	February.....	52 —58 $\frac{1}{2}$	November.....	71 $\frac{1}{4}$ —85 $\frac{1}{2}$
1875.....	December.....	45 $\frac{1}{2}$ —53 $\frac{1}{2}$	April.....	68 —76 $\frac{1}{2}$
1876.....	February.....	38 $\frac{3}{8}$ —43	May.....	44 $\frac{1}{2}$ —49
1877.....	March.....	37 $\frac{5}{8}$ —41 $\frac{3}{4}$	April.....	33 $\frac{1}{2}$ —58 $\frac{1}{2}$
1878.....	December.....	29 $\frac{3}{8}$ —31 $\frac{5}{8}$	March.....	41 —43 $\frac{1}{2}$
1879.....	January.....	29 $\frac{3}{8}$ —31 $\frac{5}{8}$	October.....	36 —48
1880.....	March.....	32 $\frac{3}{8}$ —36 $\frac{3}{8}$	November.....	39 $\frac{1}{4}$ —44 $\frac{3}{8}$
1881.....	January.....	36 —37 $\frac{5}{8}$	October.....	59 $\frac{3}{8}$ —76 $\frac{3}{8}$
1882.....	December.....	48 $\frac{3}{8}$ —59 $\frac{1}{2}$	July.....	74 $\frac{3}{8}$ —82 $\frac{5}{8}$
1883.....	October.....	45 —49 $\frac{3}{4}$	December.....	54 —63
1884.....	December.....	34 $\frac{1}{2}$ —40 $\frac{1}{4}$	May.....	52 $\frac{1}{2}$ —57

# CORN CROP OF THE UNITED STATES.

The following table gives the area, yield and value of the last fourteen corn crops of the United States, as well as the amount exported.

Years.	Acreage.....	Yield per acre, bushels.....	Total product, bushels.....	Price per bushel	Total value of product.....	Corn and corn meal exported in fiscal year ending June 30, bushels.....	Per cent. exp'd.	Per cent. home consumption...
1871.....	34,091,137	29.1	991,898,000	\$0 48.2	478,295,900	35,727,010	3.6	96.4
1872.....	35,526,836	30.7	1,092,719,000	39.8	435,149,290	40,154,274	3.6	96.4
1873.....	39,197,148	23.8	932,274,000	48	447,183,020	35,985,834	3.8	96.2
1874.....	41,036,918	20.7	850,148,500	64.7	550,043,080	30,025,026	3.5	96.5
1875.....	44,841,371	29.4	1,321,069,000	42.	555,445,930	50,910,532	8.8	91.2
1876.....	49,033,364	26.1	1,283,827,000	37.	475,491,210	72,652,611	5.6	94.4
1877.....	50,369,113	26.6	1,342,558,000	35.8	480,643,400	87,192,110	6.5	93.5
1878.....	51,585,000	26.9	1,388,218,750	31.8	441,153,405	87,884,892	6.3	93.7
1879.....	53,085,450	29.2	1,547,901,790	37.5	580,486,217	89,572,329	5.8	94.2
1880.....	52,555,231	29.2	1,538,535,000	40.1	617,485,100	99,572,329	6.4	93.6
1881.....	64,000,000	18.6	1,194,000,000	63.4	757,000,000	93,648,147	7.8	92.2
1882.....	66,500,000	24.4	1,624,917,800	*54.	878,455,612	44,340,683	2.7	97.3
1883.....	68,301,889	22.7	1,551,066,825	*52.	806,554,754	40,586,825	2.6	97.4
1884.....	69,683,720	25.8	1,795,528,432	35.7	640,730,859	46,158,606	2.6	97.4

\* Estimated.

The 1884 corn crop of the United States is the largest on record. The yield per acre the past season was not quite up to the average for the period covered by the foregoing table.

The corn area the past season exceeds that of any former year.

# EXPORTATION OF CORN.

The table on page — of this report gives the amount and value of corn exported from the United States to the various nations for the years ending June 30, 1883 and 1884.

The exportation of corn exceeds that of the two preceding years.

## SORGHUM.

The table on pages 46 and 47 of this report gives the area and product of sorghum cane by counties for the year 1884.

The area of this crop was less than that of the previous year, but the larger average yield per acre in gallons of syrup makes the total number of gallons produced the largest on record.

The value of sorghum syrup produced the past season exceeds that of the preceding seven years, as shown in the following table:

Year.	Acreage.	Av. yield per acre gal.	Total number of gallons.	Value per gallon.	Value of crop.
1877.....	19,335	63	1,227,164	\$0 42	\$515,409
1878.....	14,638	80	1,174,549	45	528,547
1879.....	17,883	73	1,309,400	38	497,572
1880.....	9,825	65	636,216	42	267,211
1881.....	8,263	55	456,714	55	251,193
1882.....	13,757	61	816,892	50	408,446
1883.....	14,023	90	1,272,287	50	604,157
1884.....	13,854	100	1,389,248	45	631,270

## BROOM CORN.

The area devoted to this crop the past season is much less than that of the preceding two years.

The yield per acre of broom corn the past season was nearly up to the average of the past eight years.

The price per ton paid for the crop is less than that received during the preceding five years.

The following table gives the area, yield and value of the last eight crops of broom corn in this State.

Year.	Acreage.	Av. yield per acre.	Total yield— pounds.	Value per ton.	Value of crop.
1877.....	14,566	458	6,674,747	\$71 20	\$237,594
1878.....	18,248	614	11,218,168	49 50	277,645
1879.....	17,664	632	11,161,238	86 75	484,195
1880.....	18,652	775	14,457,156	77 40	559,447
1881.....	17,887	1,437	25,708,250	128 50	1,651,739
1882.....	43,036	225	9,693,187	80 00	387,680
1883.....	33,922	1,000	33,922,000	90 00	1,481,710
1884.....	25,173	750	16,228,000	72 00	585,572

## WHEAT.

The area and yield of wheat the past season is much larger than that of the previous year. The late crop of wheat of 34,367,493 bushels has been exceeded in amount but three times—in 1882, 52,323,261 bushels; 1880, 56,508,309 bushels; 1879, 45,417,661 bushels.

The price received for wheat the past season by the producers, 76 cents per bushel, has not been lower during the past twenty-four years, with the exception of 1861, when wheat averaged but 71 cents per bushel.

The wheat crop of 1884 was much below the average in quality, especially in the Southern counties.

The following table gives the area, yield and value of the wheat crop of the State during the past twenty-five years;

## WHEAT—(Spring and Winter.)

Year.	Number of acres..	Average yield per acre—bushels....	Bushels produced	Price per bushel..	Total value.....	Value per acre....	Cost per acre of production.....	Total cost of production.....	Profit .....	Loss.....
1860.....	2,109,471	11.3	23,837,023	\$0 85	\$20,261,469	\$9 60	\$10 55	\$22,254,919	.....	\$1,993,450
1861.....	2,109,471	11.3	23,837,023	71	16,924,284	8 02	10 55	22,254,919	.....	5,330,635
1862.....	2,300,964	14	32,128,509	76	24,483,262	10 64	10 55	24,275,170	\$207,092	.....
1863.....	2,617,347	12	31,408,163	1 05	32,978,571	12 59	10 55	27,613,011	5,365,560	.....
1864.....	2,328,703	14.3	33,371,173	1 55	51,725,318	22 21	10 55	24,568,450	27,156,868	.....
1865.....	2,296,977	11	25,266,745	1 09	27,541,732	12 00	10 55	24,233,107	3,308,625	.....
1866.....	2,196,263	13	28,551,421	1 93	55,104,243	25 09	10 55	23,170,575	31,933,668	.....
1867.....	2,456,140	11.4	28,060,000	1 97	55,160,000	22 45	10 55	25,912,277	29,247,723	.....
1868.....	2,483,478	11.5	28,560,000	1 20	34,272,000	13 80	10 55	26,200,692	8,071,308	.....
1869.....	2,607,142	11.2	28,200,000	76	22,192,000	8 51	10 55	27,505,348	.....	5,313,348
1870.....	2,259,533	12	27,115,000	94	25,488,100	11 28	10 55	23,838,600	1,649,500	.....
1871.....	2,050,081	12.3	25,216,000	1 18	29,754,880	14 51	10 55	21,628,354	8,126,526	.....
1872.....	2,042,311	12.1	24,711,000	1 23	30,394,530	14 88	10 55	21,545,537	8,848,993	.....
1873.....	2,104,963	13.5	28,417,000	1 10	31,258,700	14 84	10 55	22,207,360	9,051,340	.....
1874.....	2,619,304	11.5	30,122,000	86	25,904,920	9 88	10 55	27,633,657	.....	1,728,737
1875.....	2,600,000	10.5	27,300,000	91	24,833,000	9 55	10 55	27,430,000	.....	2,587,000
1876.....	2,529,430	9.3	23,440,000	93	21,799,200	8 64	10 55	26,590,536	.....	4,791,336
1877.....	1,977,745	16.4	32,490,536	1 15	38,002,082	19 22	10 55	20,865,210	17,136,872	.....
1878.....	2,324,755	14.6	33,883,393	80	27,059,460	11 64	10 55	24,526,165	2,533,295	.....
1879.....	2,440,808	18 ¾	45,418,661	87	39,930,639	16 36	10 55	25,740,535	14,180,104	.....
1880.....	3,256,350	17 ½	56,508,309	82	46,497,160	14 27	10 55	24,854,550	11,642,610	.....
1881.....	3,642,589	7 ½	22,374,163	1 07	24,133,780	7 90	10 55	32,499,238	.....	8,365,458
1882.....	2,346,117	18 ¾	52,323,261	89	46,714,376	16 41	10 70	30,477,274	16,237,102	.....
1883.....	2,047,956	10	20,347,592	95	19,337,063	9 50	11 10	22,695,812	.....	3,358,749
1884.....	2,773,658	12	34,367,493	76	26,007,205	9 38	10 75	29,904,594	.....	8,897,389

## ILLINOIS WHEAT FOR EXPORT.

The following table gives the amount of wheat produced, consumed, and the surplus, for shipment from the State, during the past twenty-five years.

The surplus wheat produced in this State during the period named in access of the amount required for seed and consumption amounts to 425,443,325 bushels, valued at \$440,-828,418.00.

The increase in the population of the State from year to year was determined by adding the average percent. of increase for the last decade as shown by the census returns.



## WHEAT—(Spring and Winter.)

YEAR.	Total acreage.....	Bushels Wheat produced.....	Population.....	Amount required for seed, 1½ bushels per acre.....	Wheat for consumption—4 bushels per annum.....	Surplus Wheat for export.....	Value surplus Wheat
1860.....	2,109,471	23,837,023	1,711,951	2,812,628	6,847,804	14,176,591	\$12,050,102
1861.....	2,190,471	23,837,023	1,780,844	2,812,628	7,123,376	13,901,019	9,869,723
1862.....	2,300,964	32,218,500	1,852,508	3,067,952	7,410,032	21,740,516	16,522,792
1863.....	2,617,347	31,408,163	1,927,054	3,489,796	7,708,216	20,210,151	21,220,658
1864.....	2,328,763	33,371,173	2,004,598	3,155,017	8,018,392	23,247,764	34,484,034
1865.....	2,266,977	26,266,745	2,085,261	3,062,636	8,341,044	13,863,065	15,110,740
1866.....	2,196,263	28,551,421	2,169,168	2,928,350	8,676,672	16,946,399	32,706,550
1867.....	2,456,140	28,060,000	2,226,450	3,274,853	9,025,800	15,759,347	31,015,913
1868.....	2,483,478	28,560,000	2,347,242	3,311,304	9,388,958	15,859,728	19,031,674
1869.....	2,607,112	28,200,000	2,441,686	3,476,189	9,766,744	14,957,067	11,367,371
1870.....	2,259,583	27,115,000	2,539,891	3,012,777	10,169,564	13,942,659	13,106,099
1871.....	2,050,081	25,216,000	2,589,105	2,733,441	10,356,420	12,126,139	14,308,844
1872.....	2,042,231	24,711,000	2,639,304	2,722,974	10,557,216	11,430,810	14,059,896
1873.....	2,104,963	28,417,000	2,690,507	2,806,617	10,762,028	14,848,355	16,333,190
1874.....	2,619,304	30,122,000	2,742,734	3,492,405	10,970,936	15,658,659	13,466,446
1875.....	2,600,000	27,300,000	2,796,005	3,466,666	11,181,020	12,649,314	11,510,876
1876.....	2,520,430	237,440,000	2,850,340	3,360,573	11,401,560	8,678,067	8,070,602
1877.....	1,977,745	32,490,556	2,905,762	2,636,993	11,623,048	18,230,515	20,965,092
1878.....	2,324,755	33,883,398	2,962,293	3,099,673	11,849,172	18,934,553	15,147,642
1879.....	2,440,809	45,417,661	3,019,954	3,254,412	12,079,816	30,083,433	26,172,587
1880.....	3,256,350	56,508,309	3,078,669	4,341,800	12,314,676	39,851,833	32,678,503
1881.....	3,642,589	21,374,163	3,137,991	4,056,785	12,551,964	5,765,414	6,168,993
1882.....	2,846,117	52,323,261	3,197,906	3,794,584	12,314,544	30,214,133	32,230,568
1883.....	2,047,956	20,347,592	3,359,458	2,730,608	13,037,832	15,679,152	4,350,194
1884.....	2,773,658	34,367,493	3,325,372	3,698,211	13,301,488	17,367,794	13,199,523

## ACREAGE AND CONDITION OF GROWING CROP OF WHEAT.\*

The reported area seeded to winter wheat the past fall was 2,317,291 acres, or 405,472 acres less than last season.

The season has been favorable for the seeding and growth of wheat, which is up to an average in condition.

The table on page — of this report, gives the area and condition of the late seeding of wheat in each county in the State where any considerable attention is given to the crop.

## WHEAT CROP OF THE UNITED STATES.

The following table shows the acreage, yield and value of the wheat crop of the United States and export of wheat therefrom during the past fourteen years (each ending June 30), and the per cent. of exports and amount retained for seed and consumption:

YEAR.	Acreage.....	Yield per acre, bushels.....	Total product, bushels.....	Price per bush.	Total value of product.....	Wheat & flour exported in fiscal year closing June 30, following, bushels.....	Per cent. exp'd	Per cent. home consumption
1871.....	19,943,893	11.5	230,722,400	\$1 25.8	\$290,411,820	38,995,755	16.9	83.1
1872.....	20,858,359	11.9	249,997,100	1 24	310,180,375	52,014,715	20.8	79.2
1873.....	22,171,676	12.7	281,580,285	1 15	323,817,322	91,510,398	32.5	67.5
1874.....	24,96,026	12.3	309,107,200	0 94.1	291,107,805	72,912,817	23.7	76.3
1875.....	26,331,522	11.0	292,136,000	1 00	294,580,990	74,750,682	25.5	74.5
1876.....	27,627,021	10.4	289,356,500	0 93.7	300,259,300	57,149,949	19.7	80.3
1877.....	26,277,546	13.9	364,194,146	1 08.2	394,695,779	92,141,626	25.3	74.7
1878.....	26,277,546	13.1	420,122,400	0 77.7	326,346,421	150,502,506	35.8	64.2
1879.....	32,108,560	13.7	448,756,118	1 10.8	497,008,803	180,304,000	40.1	59.9
1880.....	32,545,899	13.4	480,849,700	0 95.8	460,597,000	183,309,890	37.0	63.0
1881.....	36,037,950	13.3	480,849,700	1 29.4	453,000,000	190,294,407	54.4	45.7
1882.....	37,700,000	9.3	350,000,000	* 0 94	472,621,742	124,850,232	24.8	75.2
1883.....	38,676,100	13.5	520,789,300	* 1 00	420,154,500	152,414,148	36.7	63.3
1884.....	36,393,319	11.5	420,154,500	.64	330,861,254	116,110,302	22.6	77.4
1884.....	39,475,885	13.0	512,763,900					

\* Estimated.

It will be seen in the foregoing table that the 1884 crop of wheat is the largest produced in the United States, and that the exports are less than during the past seven years.

## BUCKWHEAT.

The following table gives the area, yield and value of the last eight crops of buckwheat produced in this State:

Year.	Acreage.	Av. yield per acre.	Bushels produced.	Value per bush.	Value of crop.
1877.....	15,880	13	207,696	\$0 73	\$151,612
1878.....	16,060	9	155,340	1 33	206,608
1879.....	10,786	10	112,180	77	85,257
1880.....	6,681	9	62,128	77	47,838
1881.....	3,648	4½	16,374	1 12	18,329
1882.....	2,469	25	63,743	77	49,082
1883.....	3,491	14	49,397	85	41,800
1884.....	3,526	17	58,641	64	37,864

The area and yield of buckwheat was some larger in 1884 than in 1883. The price per bushel obtained for the late crop is less than that of any year on record.

## WINTER RYE.

There is a decrease in the area of rye as compared with the previous seeding. The present area of 229,252 acres of rye is 11 per cent less than the area of the crop harvested in 1884.

Rye has made a good growth during the fall, and is nearly up to an average in condition.

## HUNGARIAN AND MILLET.

The following table gives the extent and value of the last eight crops of Hungarian and Millet:

Year.	Bushels produced.	Value per bushel.	Total value.
1877.....	17,463	\$0 65	\$10,701
1878.....	26,787	55	14,733
1879.....	43,776	75	32,832
1880.....	66,889	70	46,752
1881.....	76,189	95	72,370
1882.....	77,423	69	53,422
1883.....	70,007	62	43,291
1884.....	33,513	51	17,187

## TIMOTHY SEED.

The following table gives the extent and value of the 1884 crop of timothy seed and that of the preceding seven years.

Year.	Bushels produced.	Value per bushel.	Total value.
1877.....	483,571	\$1 25	\$604,464
1878.....	261,559	1 25	326,949
1879.....	213,329	2 25	479,990
1880.....	400,124	2 20	880,272
1881.....	426,531	2 60	1,108,980
1882.....	320,653	1 68	538,697
1883.....	353,895	1 35	476,447
1884.....	389,056	1 30	512,438

## CLOVER SEED.

The following table gives the extent and value of the last eight crops of clover seed produced in this State:

Year.	Bushels produced.	Value per bushel.	Total value.
1877.....	64,686	\$4 80	\$310,493
1878.....	77,388	4 05	313,421
1879.....	138,191	5 00	690,955
1880.....	87,144	4 60	400,862
1881.....	125,042	5 20	650,218
1882.....	55,862	5 00	279,310
1883.....	78,656	4 75	375,066
1884.....	138,920	4 40	609,945

## BEANS.

The following table gives the area, yield and value per acre of this crop for the past eight years:

Year.	Acreage.	Av. yield per acre.	Yield in bushels.	Value per bushel	Value of crop.
1877.....	1,545	13	19,955	\$1 50	\$29,916
1878.....	1,669	16	18,627	1 35	25,146
1879.....	2,674	14	36,217	1 50	54,325
1880.....	1,398	11	15,894	1 60	25,430
1881.....	1,012	3	3,267	3 30	10,781
1882.....	983	9	9,776	2 22	21,703
1883.....	1,091	14	15,738	2 00	31,874
1884.....	1,621	13	21,335	1 55	33,017



## CASTOR BEANS.

The following table gives the area, yield and value of the last eight crops of castor beans produced in this State:

Year.	Acreage.	Av. yield per acre in bu	Yield in bushels.	Value per bushel	Value of crop.
1877.....	4,503	3¼	17,538	\$1 10	\$19,512
1878.....	361	7	2,526	1 25	3,157
1879.....	3,085	8 1-5	24,314	1 00	24,344
1880.....	500	6 4-5	3,480	1 05	3,654
1881.....	758	5¼	4,005	1 65	6,608
1882.....	2,098	2½	4,346	1 25	5,476
1883.....	433	8	3,464	1 35	4,668
1884.....	1,108	17	19,295	1 60	30,794

## TOBACCO.

The following table gives the area, yield and value of the tobacco crop of the State during the past eight years:

Year.	Acreage.	Av. yield per acre	Pounds produced	Value per pound.	Value of crop.
1877.....	12,320	640	7,885,586	\$0 08	\$630,847
1878.....	3,833	584	2,268,492	07	158,794
1879.....	3,079	890	2,741,329	09	246,719
1880.....	4,091	668	2,736,407	08	218,912
1881.....	3,854	453	1,747,474	08	139,798
1882.....	3,798	622	2,345,931	07	164,215
1883.....	3,092	710	2,195,426	06	140,920
1884.....	4,842	767	3,716,408	09	321,582

## IRISH POTATOES.

The area devoted to Irish potatoes in this State the past season, of 125,893 acres, has been exceeded but four times, viz: 1872, 128,906 acres; 1873, 137,750 acres; 1874, 135,236 acres; and 1876, 126,000 acres.

The 1884 crop of Irish potatoes, of 11,866,082 bushels, is the largest ever produced in the State, except the crop of 1875, of 15,200,000 bushels, and the crop of 1883, of 14,483,006 bushels.

The price obtained for the late crop, of 35 cents per bushel, is much below the average, and during the past twenty-five years the price has not been lower but three times, viz: 1860, 31 cents per bushel; in 1861, 29 cents per bushel; in 1875, 32 cents per bushel.

The table on page 48 gives the area, yield and value of the crop the past season in every county in the State.

The following table gives the area, yield and value of the potato crops of the State since 1860:

Year.	Number of acres.....	Average yield per acre—bushels.....	Bushels produced. ...	Price per bushel .....	Total value. ....	Value per acre.....	*Cost per acre of production.....	Total cost of production.....	Profit.....	Loss.....
1860.....	69,255	80	5,540,390	\$0 31	\$1,717,520	\$24 80	\$20 55	\$1,423,190	\$294,330	.....
1861.....	69,255	80	5,540,390	20	1,696,713	23 19	20 55	1,423,190	183,523	.....
1862.....	64,444	100	6,444,400	40	2,577,762	40 00	20 55	1,324,324	1,253,438	.....
1863.....	73,650	70	5,155,523	74	3,815,087	51 80	20 55	1,513,507	2,301,580	.....
1864.....	55,521	81½	4,511,083	1 15	5,187,745	91 43	30 55	1,140,956	4,036,789	.....
1865.....	50,124	117	5,864,408	47¾	2,770,933	55 27	20 55	1,030,048	1,740,885	.....
1866.....	55,983	86½	5,102,033	64	3,265,302	55 36	20 55	1,212,100	2,053,202	.....
1867.....	60,710	69½	3,673,000	1 20	4,407,600	72 60	20 55	1,247,590	3,160,010	.....
1868.....	53,521	71	3,800,000	81	3,078,000	57 51	20 55	1,099,856	1,978,144	.....
1869.....	72,815	103	7,500,000	41	3,075,000	43 23	20 55	1,496,348	1,578,652	.....
1870.....	104,037	81	8,427,000	64	5,393,280	51 84	20 55	2,147,960	3,255,320	.....
1871.....	117,409	61	7,162,000	85	6,087,700	51 94	20 55	2,412,755	3,674,945	.....
1872.....	128,906	75	9,668,000	46	4,448,280	34 50	20 55	2,649,018	1,798,262	.....
1873.....	137,750	40	5,510,000	1 12	6,171,200	44 80	20 55	2,830,762	3,340,438	.....
1874.....	135,236	55	7,438,000	83	6,173,540	45 65	20 55	2,779,100	3,394,440	.....
1875.....	118,750	128	15,200,000	32	4,864,000	40 96	20 55	2,540,312	2,424,688	.....
1876.....	126,000	75	9,450,000	61	5,764,500	45 75	20 55	2,589,300	3,175,200	.....
1877.....	95,717	71	6,795,349	45	3,057,907	32 95	20 55	1,966,984	1,090,923	.....
1878.....	81,460	63	5,095,477	47	2,394,874	29 61	20 55	1,674,003	720,871	.....
1879.....	90,351	78	7,125,932	50	3,506,788	39 00	20 55	1,856,713	1,650,075	.....
1880.....	93,387	69	6,470,811	56	3,689,318	38 64	20 55	1,992,702	1,696,616	.....
1881.....	85,357	47	4,043,377	1 08	4,393,676	50 76	20 55	1,805,478	2,591,198	.....
1882.....	106,895	100	10,730,234	58	6,261,307	58 00	21 10	2,255,346	4,005,961	.....
1883.....	118,766	125	14,483,006	35	5,105,203	43 75	21 10	2,507,812	2,622,892	.....
1884.....	125,893	94	11,806,082	35	4,093,956	32 52	21 00	2,642,399	1,451,557	.....

## SWEET POTATOES.

The following table gives the area and value of this crop during the past eight years:

Year.	Acreage.	Av. yield per acre bush	Crop in bushels.	Value per bushel	Value of crop.
1877.....	2,355	63	148,270	\$0 85	\$126,029
1878.....	1,729	67	116,944	85	99,402
1879.....	1,423	88	126,169	90	112,552
1880.....	3,382	66	224,522	90	202,070
1881.....	1,815	63	114,436	1 08	123,645
1882.....	2,785	77	216,283	80	173,020
1883.....	2,696	82	223,605	75	171,847
1884.....	2,681	103	276,304	67	184,077

## TURNIPS AND OTHER ROOT CROPS.

The following table gives the acreage and value of turnips and other root crops grown in the State during the past eight years:

Year.	Acreage.	Value per acre.	Value of crop.
1877.....	7,056	\$39 55	\$279,136
1878.....	3,775	40 85	154,140
1879.....	3,139	230 15	722,444
1880.....	2,300	45 85	105,414
1881.....	3,046	147 20	448,389
1882.....	3,809	245 25	934,291
1883.....	4,361	205 75	897,303
1884.....	3,856	.....	.....

## APPLES.

The number of bushels of apples produced in the State for the past eight years, as well as the value thereof, is given in the following table:

Year.	Number of bushels.	Price per bushel.	Value of crop.
1877.....	5,395,351	\$0 80	\$4,316,281
1878.....	4,940,811	65	3,211,527
1879.....	5,958,690	75	4,469,017
1880.....	10,342,186	56	5,791,624
1881.....	2,659,529	1 22	3,244,625
1882.....	6,537,128	80	5,245,702
1883.....	6,818,520	75	5,134,042
1884.....	4,152,925	65	2,987,850

## PEACHES.

The extent and value of the last eight crops of peaches of this State are given in the following table:

Year.	Number of bushels.	Price per bushel.	Value of crop.
1877.....	402,587	\$0 92	\$370,330
1878.....	607,292	62	376,521
1879.....	25,749	1 34	34,503
1880.....	398,970	80	219,176
1881.....	96,507	1 55	149,586
1882.....	319,911	83	265,526
1883.....	260,923	1 10	286,765
1884.....	135,329	1 70	227,443



## PEARS.

The following table gives the extent and value of the pear crop of the State each year since 1876:

Year.	Number of bushels.	Price per bushel.	Value of Crop.
1877.....	16,888	\$1 35	\$22,704
1878.....	13,510	1 25	16,887
1879.....	6,134	1 55	9,508
1880.....	35,714	1 30	46,428
1881.....	14,135	1 80	25,443
1882.....	9,964	1 33	13,252
1883.....	7,128	1 80	12,737
1884.....	4,418	1 40	6,128

## GRAPES.

The following table gives particulars concerning the last eight grape crops of the State:

Year.	Pounds produced.	Value per pound.	Total value.
1877.....	3,002,748	\$0 03	\$92,782
1878.....	1,922,636	03	57,679
1879.....	3,184,952	03	95,548
1880.....	7,833,041	03	234,991
1881.....	1,115,902	04	55,795
1882.....	1,013,390	04	40,536
1883.....	695,100	05	36,314
1884.....	467,014	05	22,500

## OTHER FRUITS AND BERRIES.

The following table gives the value of other fruits and berries, not named above, for the past eight years.

Year.	Acreage.	Value per acre.	Value of crop.
1877.....	4,523	\$39 53	\$178,800
1878.....	2,559	55 51	197,581
1879.....	3,111	59 62	185,488
1880.....	7,803	29 65	231,417
1881.....	7,670	26 34	208,086
1882.....	5,881	47 50	279,340
1883.....	4,583	58 33	267,313
1884.....	10,181		

## WINE.

The following table gives the number of gallons of wine produced in the State during the past eight years:

Year.	Acreage.	Average yield per acre, gal.	Number of gallons.	Value per gallon.	Total value of wine made.
1877.....	2,612	61	158,944	\$1 20	\$191,933
1878.....	5,178	27	142,964	1 20	171,557
1879.....	2,899	112	326,323	1 30	424,220
1880.....	4,340	122	530,990	1 15	610,638
1881.....	3,663	35	129,839	1 35	175,282
1882.....	3,235	30	96,282	86	82,802
1883.....	3,500	21	73,898	1 20	88,518
1884.....	1,092	21	43,114	1 15	48,605

## MILK.

The following table gives the number of gallons and value of milk produced in the State during the past eight years:

1877.....	17,124,506	\$0 11½	\$1,912,236
1878.....	30,567,415	10½	3,209,579
1879.....	96,659,745	08	7,732,788
1880.....	38,986,861	09½	3,573,796
1881.....	40,153,488	09½	3,814,581
1882.....	41,433,620	20	8,286,724
1883.....	43,006,273	14	5,953,207
1884.....	50,056,318	13	6,783,071

## BUTTER.

The following table gives the quantity and value of the butter marketed in this State during the past eight years:

1877.....	18,970,227	\$0 20	\$3,794,045
1878.....	17,997,652	15	2,699,618
1879.....	25,028,225	19	4,755,363
1880.....	24,553,449	20	4,910,690
1881.....	21,578,414	26	5,610,647
1882.....	21,658,054	25	5,414,763
1883.....	22,198,370	25	5,606,737
1884.....	22,696,333	21	4,749,507

## CREAM.

The quantity and value of the cream sold in this State during the past eight years is given in the following table:

Year.	Gallons sold.	Price per gallon.	Total value.
1877.....	2,744,259	\$0 55	\$1,509,342
1878.....	62,707	52	32,608
1879.....	230,497	49	112,943
1880.....	601,314	50	300,657
1881.....	1,380,939	51	704,279
1882.....	2,188,396	62	1,356,805
1883.....	2,324,579	57	1,229,826
1884.....	1,479,183	40	600,219

## CHEESE.

The following table gives the amount and value of cheese sold in the State during the past eight years:

Year.	Number pounds sold	Value per pound.	Total value.
1877.....	4,502,671	\$0 12	\$540,320
1878.....	5,139,914	10	513,991
1879.....	6,618,212	13	860,367
1880.....	6,187,680	13	803,398
1881.....	5,837,974	15	875,696
1882.....	5,252,036	14	735,285
1883.....	4,931,826	14	672,474
1884.....	4,795,697	10	488,622

## AGRICULTURAL STATISTICS.

The great value of the crop statistics of this department mainly consists in their early and prompt appearance during the growing season, and immediately after harvest, when the information as to condition and yield is most needed to enable the producer and legitimate dealer to decide as to the supply and value of the crop.

The last official acreage of crops, as reported by assessors, is used as a basis for applying the estimates of crop correspondents as to the area and yield of the growing crops. It is not to be expected that the estimates of correspondents will more than closely approximate the assessed return reported the following year.

The estimates of correspondents, with few exceptions, have been below the returns of assessors made the succeeding year, and during the last seven years the reports, when compared with the official assessment, have confirmed the superior judgment and careful observations made by correspondents, who are farmers of experience and standing, and largely interested in the accuracy of the returns, and, as a rule, are inclined to the side of conservatism.

## BASIS FOR ESTIMATING ACREAGE, CONDITION, ETC.

It will be observed that the number 100 is used to represent the acreage of the crop of 1833, with which the acreage of the present crop is compared; also a fair average yield and a fair average vitality of growth, unaffected by storms, insects and contingencies; an increase of one-tenth, or ten per cent., is recorded 110; a decrease of five per cent. is marked 95, etc.

Respectfully submitted,

S. D. FISHER,

*Secretary.*



### AVERAGE YIELD OF CORN.

NORTHERN DIVISION.					CENTRAL DIVISION.					SOUTHERN DIVISION.										
COUNTIES.					COUNTIES.					COUNTIES.										
AV. YIELD PER ACRE IN BU.					AV. YIELD PER ACRE IN BU.					AV. YIELD PER ACRE IN BU.										
1878	1879	1880	1881	1882	1883	1884	1878	1879	1880	1881	1882	1883	1884	1878	1879	1880	1881	1882	1883	1884
Boone.....	38	36	40	32	26	21	Adams.....	21	43	34	32	24	33	24	35	44	12	37	33	28
Bureau.....	33	36	34	23	18	20	Brown.....	22	30	25	32	20	35	28	33	15	3	33	20	33
Carroll.....	40	42	45	30	42	18	Calhoun.....	23	42	32	20	40	34	26	33	18	3	27	16	12
Cook.....	32	31	39	22	26	14	Cass.....	23	32	30	30	30	34	40	25	31	2	29	35	25
DeKalb.....	38	42	38	35	26	20	Champaign.....	26	37	36	22	24	25	34	30	34	3	30	32	32
DuPage.....	45	37	42	25	20	39	Christian.....	27	47	39	22	19	16	28	31	33	2	25	20	15
Grundy.....	18	37	28	22	20	12	Clark.....	25	31	27	7	24	31	28	28	37	6	40	14	20
Henderson.....	35	43	43	22	22	35	Coles.....	22	40	37	16	24	30	23	23	40	18	3	32	20
Henry.....	45	35	34	18	22	26	Cumberland.....	15	33	35	4	27	24	22	29	27	29	18	25	30
Iroquois.....	42	31	22	36	19	27	De Witt.....	24	42	30	35	20	30	30	36	22	13	26	32	25
Jones.....	41	48	41	32	33	24	Douglas.....	25	40	36	27	38	24	31	28	40	20	1	28	30
Kane.....	40	42	37	32	25	35	Edgar.....	37	40	37	21	35	24	27	28	24	22	5	40	25
Kankakee.....	31	25	25	25	18	16	Fort.....	20	33	30	25	15	24	31	38	18	5	40	23	27
Kendall.....	35	39	39	22	31	33	Fulton.....	25	38	35	34	20	23	35	33	7	31	35	37	30
Knox.....	32	42	38	29	19	26	Greene.....	31	41	45	32	43	40	42	29	39	19	1	29	35
Lake.....	34	49	41	24	24	20	Hancock.....	33	43	39	25	14	20	32	26	30	27	10	34	32
LaSalle.....	30	35	35	17	23	18	Jersey.....	22	40	31	19	32	40	32	20	27	10	34	22	22
Lee.....	41	37	33	24	26	20	Logan.....	28	36	35	36	25	28	35	50	27	13	30	35	38
Livingston.....	24	49	19	26	17	17	Macon.....	22	36	43	30	22	32	38	27	13	1	27	25	13
Marshall.....	26	38	41	30	27	25	Macoupin.....	27	40	28	24	30	35	23	24	28	1	32	34	34
McHenry.....	40	36	44	24	27	20	Mason.....	20	25	20	25	12	14	25	15	42	33	13	31	42
Mercer.....	41	50	42	23	25	26	McDonough.....	25	40	32	40	20	25	40	33	12	1	27	21	14
Ogle.....	35	44	40	31	17	37	McLean.....	27	44	31	39	18	27	22	20	32	27	7	32	25
Peoria.....	27	40	40	26	23	19	Menard.....	31	36	31	25	23	22	33	21	28	25	11	42	25
Putnam.....	35	43	40	22	34	30	Montgomery.....	20	50	33	10	26	34	24	33	41	27	8	32	28
Rock Island.....	36	43	32	20	25	24	Morgan.....	35	40	42	41	24	26	34	10	28	15	1	23	15
Stark.....	33	43	37	28	30	26	Moultrie.....	24	33	34	23	19	24	28	25	40	20	7	31	25
Stephenson.....	49	42	38	40	27	16	Platt.....	22	40	33	32	24	30	39	35	52	37	13	45	38
Warren.....	45	45	39	27	24	40	Pike.....	31	40	22	21	34	32	39	32	35	30	15	33	20
Whiteside.....	40	40	35	23	19	18	Sangamon.....	35	36	36	41	21	38	33	31	45	22	5	28	27
Will.....	40	30	36	27	37	32	Schuyler.....	28	42	40	22	33	36	26	30	35	13	1	33	40
Winnebago.....	38	37	39	34	29	15	Scott.....	35	57	39	45	27	38	40	22	34	20	3	30	25
Woodford.....	42	43	27	32	17	20	Shelby.....	28	35	36	20	28	30	27	25	35	18	8	31	24
.....	36	39	37	27	23	22	Tazewell.....	31	36	34	30	23	23	27	22	32	19	5	30	26
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## Prices of Crops December 1, 1884.

Counties.	Corn per bushel	Winter wheat per bushel	Spring wheat per bushel	Oats per bushel	Rye per bushel	Barley per bushel	Buckwheat per bu.	White beans per bushel	Castor beans per bushel	Irish potatoes per bushel	Sweet potatoes per bushel	Winter apples per bushel	Flax seed per bush.	Timothy seed per bushel	Clover seed per bu.	Hungarian and Millet seed per bush.
Adams	\$ 0 28	\$ 0 73	\$ 0 23	\$ 0 50	\$ 0 75	\$ 2 00	\$ 0 35	\$ 0 75	\$ 0 40	\$ 1 00	\$ 1 00	\$ 1 00	\$ 1 60	\$ 4 50	\$ 5 00	\$ 45
Alexander	57	60	32	48	60	1 20	37	42	67	36	60	1 30	1 80	4 50	5 00	45
Bond	35	63	24	47	0 55	1 10	38	40	87	40	87	40	1 35	4 50	5 00	45
Boone	30	79	68	21	47	1 10	38	40	87	40	87	40	1 35	4 50	5 00	45
Brown	30	62	20	42	1 00	1 50	32	68	75	30	28	1 85	4 85	80	80	80
Bureau	32	67	25	46	30	1 75	42	1 00	1 25	30	28	1 85	4 85	80	80	80
Calhoun	29	65	58	20	46	30	90	1 75	38	72	66	1 60	4 50	50	50	50
Carroll	26	63	30	27	48	1 50	75	1 25	40	1 00	1 00	1 00	1 25	4 00	50	50
Cass	25	50	22	40	21	40	32	78	64	55	58	1 75	1 35	4 00	60	60
Champaign	23	58	21	40	22	75	47	1 15	28	55	58	1 75	1 35	4 00	60	60
Christian	23	60	22	40	22	75	1 00	1 85	50	75	40	1 50	2 40	4 00	40	40
Clark	43	67	22	60	24	45	62	1 50	42	1 17	63	1 60	5 25	72	72	72
Clay	30	65	24	45	40	50	70	1 40	36	72	80	1 55	4 80	50	50	50
Clinton	27	57	25	49	50	1 35	37	1 25	35	87	60	2 60	4 50	72	72	72
Coles	40	80	73	25	49	50	70	1 40	36	72	80	1 55	4 80	50	50	50
Cook	25	56	21	39	21	39	70	1 40	36	72	80	1 55	4 80	50	50	50
Crawford	28	55	21	39	21	39	70	1 40	36	72	80	1 55	4 80	50	50	50
Cumberland	23	55	21	39	21	39	70	1 40	36	72	80	1 55	4 80	50	50	50
DeKalb	36	66	70	23	45	40	50	2 00	35	87	50	1 20	1 05	4 00	50	50
DeWitt	26	55	55	22	40	37	1 25	1 25	32	75	60	1 35	4 34	40	40	40
Douglas	24	47	20	37	20	37	1 25	1 25	32	75	60	1 35	4 34	40	40	40
DuPage	37	73	23	50	58	40	1 25	1 25	35	90	1 24	1 20	4 35	40	40	40
Edgar	28	45	22	44	22	44	50	1 65	37	75	50	1 20	1 05	4 00	50	50
Edwards	35	63	25	55	22	44	50	1 65	37	75	50	1 20	1 05	4 00	50	50
Effingham	33	60	22	44	22	44	50	1 65	37	75	50	1 20	1 05	4 00	50	50
Fayette	30	55	21	40	21	43	40	1 75	25	58	1 10	1 04	4 00	30	30	30
Ford	27	90	21	43	21	43	40	1 75	25	58	1 10	1 04	4 00	30	30	30
Franklin	35	62	22	44	22	44	50	1 65	37	75	50	1 20	1 05	4 00	50	50
Fulton	23	66	60	25	44	65	2 50	1 35	30	92	82	1 15	4 35	40	40	40
Gallatin	30	67	25	44	22	44	50	1 65	37	75	50	1 20	1 05	4 00	50	50
Greene	27	70	27	62	65	70	1 65	1 65	37	75	53	1 70	4 60	40	40	40
Grundy	23	61	22	43	52	75	1 60	1 55	39	90	52	1 10	1 00	30	30	30
Hamilton	33	61	22	56	55	75	1 60	1 55	39	90	52	1 10	1 00	30	30	30
Hancock	26	70	22	43	52	75	1 60	1 55	39	90	52	1 10	1 00	30	30	30
Hardin	27	62	21	43	21	43	40	1 75	25	58	1 10	1 04	4 00	30	30	30
Henderson	24	65	55	22	45	61	1 75	1 50	29	1 45	75	1 40	5 15	1 00	1 00	1 00
Henry	28	60	57	22	45	61	1 75	1 50	29	1 45	75	1 40	5 15	1 00	1 00	1 00
Iroquois	25	70	65	21	43	75	1 75	1 50	29	1 45	75	1 40	5 15	1 00	1 00	1 00
Jackson	38	65	32	50	50	75	1 25	1 75	63	60	58	90	1 15	4 75	50	50
Jasper	31	62	21	50	50	75	1 25	1 75	63	60	58	90	1 15	4 75	50	50
Jefferson	38	65	32	50	50	75	1 25	1 75	63	60	58	90	1 15	4 75	50	50
Jersey	25	69	25	48	55	70	1 10	1 80	62	87	80	1 35	5 05	60	60	60
Jo Daviess	37	71	67	23	48	55	70	1 10	1 80	62	87	80	1 35	5 05	60	60
Johnson	40	63	32	50	55	70	1 10	1 80	62	87	80	1 35	5 05	60	60	60
Kane	36	76	71	24	45	55	87	1 90	36	75	75	1 54	4 50	75	75	75
Kankakee	28	64	60	22	43	67	1 25	1 35	31	81	1 20	1 15	4 30	32	32	32
Kendall	30	75	70	22	45	67	1 50	1 50	38	2 00	68	1 00	4 45	40	40	40
Knox	29	72	75	24	44	44	1 50	1 50	26	80	87	1 25	4 00	40	40	40
Lake	40	71	67	24	47	52	57	1 30	35	45	1 25	1 20	4 50	42	42	42
LaSalle	32	66	65	21	42	60	55	1 50	46	97	71	1 07	99	4 60	65	65
Lawrence	30	59	22	45	50	52	1 10	1 10	37	70	92	1 10	2 50	30	30	30
Lee	30	70	65	23	45	50	67	1 50	42	70	1 20	1 25	4 50	40	40	40
Livingston	25	62	50	21	45	75	1 75	1 75	27	1 50	57	92	1 15	2 75	40	40

## Prices of Crops December 1, 1884—Continued.

Counties.	Corn per bushel.	Winter wheat per bushel.	Spring wheat per bushel.	Oats per bushel.	Rye per bushel.	Barley per bushel.	Buckwheat per bu.	White beans per bushel.	Castor beans per bushel.	Irish potatoes per bushel.	Sweet potatoes per bushel.	Winter apples per bushel.	Flax seed per bush.	Timothy seed per bushel.	Clover seed per bu.	Hungarian and Millet seed per bush.
Logan.....	\$ 26	\$ 53	\$ 50	\$ 20	\$ 40	\$	\$	\$ 2	\$	\$ 28	\$ 87	\$ 1	\$	\$ 1	\$ 75	\$ 4
Macon.....	27	56	20	23	50	...	0 50	...	...	29	92	92	1 17	1 35	4 75	...
Macoupin.....	28	...	...	...	...	...	...	...	...	30	1 25	...	...	1 25	...	...
Madison.....	32	72	...	25	42	35	75	1 90	2 00	38	82	47	1 35	1 85	5 50	35
Marion.....	37	57	...	26	...	...	...	2 00	...	35	75	45	...	...	...	...
Marshall.....	26	60	55	21	44	35	...	2 75	...	30	1 00	62	...	1 15	4 60	...
Mason.....	26	55	...	20	41	...	...	1 75	...	30	75	87	...	1 00	4 00	50
Massac.....	37	59	...	31	70	...	1 00	1 40	...	37	48	95	...	1 70	4 50	...
McDonough.....	24	75	57	23	50	...	65	1 75	...	27	87	87	...	1 25	4 00	1 00
McHenry.....	33	78	75	26	58	42	74	1 15	...	38	1 00	48	1 10	1 15	4 90	60
McLean.....	30	65	...	23	47	...	69	...	...	47	75	75	...	1 40	4 65	...
Menard.....	29	60	...	22	40	...	50	1 75	...	30	82	58	...	1 25	4 50	45
Mercer.....	29	70	...	22	43	...	...	...	...	20	1 00	53	...	1 75	5 25	80
Monroe.....	38	67	...	28	50	60	...	1 60	...	37	60	70	...	1 60	4 34	...
Montgomery.....	27	58	62	23	50	...	60	...	...	45	93	64	...	1 85	5 00	...
Morgan.....	28	66	...	25	48	...	...	...	...	36	67	67	...	2 00	7 00	...
Moultrie.....	27	58	40	20	42	...	60	1 50	...	32	87	53	80	1 25	5 00	75
Ogle.....	33	60	60	23	48	30	50	1 00	...	38	1 00	67	50	1 10	4 25	...
Peoria.....	26	67	24	25	45	...	...	...	...	30	1 00	75	...	1 25	4 65	...
Perry.....	41	62	...	25	45	...	60	1 50	1 55	41	62	87	1 10	1 55	4 00	...
Piatt.....	25	50	30	20	40	80	67	1 05	...	27	75	75	1 00	80	3 50	50
Pike.....	30	62	...	24	...	50	...	1 50	...	26	...	36	...	1 75	5 00	...
Pope.....	35	55	...	25	...	...	...	...	...	28	50	75	...	...	...	...
Pulaski.....	37	76	...	33	...	...	...	1 95	...	43	47	1 08	...	1 70	5 00	...
Putnam.....	29	63	50	22	42	...	...	...	...	45	1 00	50	...	1 20	4 65	...
Randolph.....	45	67	...	32	75	...	...	...	...	42	67	90	...	1 35	5 00	95
Richland.....	37	62	...	21	42	...	1 00	1 60	...	50	78	58	...	1 25	3 00	40
Rock Island.....	30	75	65	21	43	...	...	...	...	23	20	89	...	1 70	5 50	...
Saline.....	35	55	...	35	...	...	...	2 00	...	25	75	75	...	1 75	4 50	...
Sangamon.....	25	60	...	23	40	...	...	1 50	...	32	...	67	...	1 20	...	...
Schuyler.....	29	64	...	22	42	...	50	1 50	...	27	65	50	...	1 05	4 35	...
Scott.....	28	68	...	23	50	...	75	2 00	...	37	73	83	...	2 00	5 50	...
Shelby.....	25	59	...	22	45	...	88	1 75	...	37	89	76	1 25	1 40	5 35	1 50
Stark.....	31	76	65	25	47	70	70	1 65	...	29	77	70	...	1 65	4 25	82
St. Clair.....	37	72	50	29	46	60	67	1 90	1 60	37	1 14	77	1 32	1 45	4 70	37
Stephenson.....	30	60	58	22	46	36	65	1 30	...	34	...	92	1 07	1 15	4 20	...
Tazewell.....	29	62	53	24	44	47	50	...	...	36	70	71	...	1 00	4 60	...
Union.....	40	68	...	37	75	...	1 00	1 50	...	38	40	93	...	4 35	...	...
Vermilion.....	25	57	...	22	35	...	...	...	...	27	1 00	57	1 55	1 15	4 00	...
Wabash.....	32	63	...	23	...	...	...	...	...	41	82	72	1 25	1 35	4 15	...
Warren.....	30	74	68	26	34	...	...	2 00	...	30	1 35	75	...	1 50	5 00	...
Washington.....	38	66	25	27	55	55	55	1 50	1 75	40	67	1 00	1 25	1 85	5 50	80
Wayne.....	37	63	...	25	60	...	50	1 50	1 25	37	73	50	...	1 75	4 00	...
White.....	28	64	...	23	50	...	...	2 25	1 65	28	68	68	...	1 65	4 30	...
Whiteside.....	25	...	62	20	45	35	67	2 00	...	37	87	87	...	1 05	4 00	75
Will.....	38	82	70	25	40	60	65	1 35	1 50	34	...	67	1 20	1 40	5 00	35
Williamson.....	40	62	...	26	45	...	...	1 75	2 00	45	47	58	...	2 50	4 00	...
Winnebago.....	30	71	67	23	46	39	57	1 60	...	36	...	1 00	1 00	1 35	4 30	60
Woodford.....	27	60	55	33	35	...	...	1 00	...	30	1 00	80	...	1 25	4 00	...
Average.....	31	64	57	24	47	50	68	1 60	1 65	35	80	68	1 14	1 40	4 55	59



## Prices of Crops December 1, 1884—Continued.

COUNTIES.	Peaches per bushel in their season	Pears per bushel in their season	Grapes per pound in their season	Clover hay per ton	Timothy hay per ton	Prairie hay per ton	Hungarian and millet per ton	Broom corn per ton	Leaf tobacco per pound	Native wine per gallon	Sorghum molasses per gallon	Wool per pound	Milk cows per head	Butter per pound	Cheese per pound	Milk per gallon	Cream per gallon
Adams	\$ 3 00	\$ 0 03	\$ 5 15	\$ 8 65	\$ 8 00	\$ 6 00	\$ 6 00	\$ 6 00	\$ 50	\$ 0 50	\$ 0 20	\$ 43 00	\$ 18 00	\$ 0 08	\$ 0 08	\$ 0 20	\$ 0 20
Alexander	1 75	05	9 00	12 50	6 00	6 00	6 00	60	50	37 28	30 20	30 20	30 20	15 17	15 26	20 20	20 20
Bond	08	08	4 35	5 65	4 85	1 00	1 00	90	50	47 21	41 15	40 26	40 26	09 15	09 24	10 24	10 24
Boone	1 35	05	4 00	5 50	3 50	2 00	2 00	45	14	47 19	41 20	38 18	38 18	12 10	12 20	10 21	10 21
Brown	08	08	4 50	5 50	3 50	2 00	2 00	60	14	45 14	32 18	32 18	32 18	15 15	15 20	10 21	10 21
Bureau	08	08	7 00	9 35	6 00	6 00	6 00	50	14	52 18	42 17	42 17	42 17	12 10	12 20	10 21	10 21
Calhoun	08	08	4 75	5 25	6 00	6 00	6 00	50	14	50 14	42 17	42 17	42 17	12 10	12 20	10 21	10 21
Carroll	08	08	6 00	8 00	3 00	3 00	3 00	50	14	50 14	42 17	42 17	42 17	12 10	12 20	10 21	10 21
Cass	50	05	4 50	5 50	3 50	2 00	2 00	50	14	50 14	42 17	42 17	42 17	12 10	12 20	10 21	10 21
Champaign	1 00	04	4 50	5 50	3 50	2 00	2 00	50	14	50 14	42 17	42 17	42 17	12 10	12 20	10 21	10 21
Christian	1 10	06	3 80	5 20	4 00	4 00	4 00	80	15	50 20	42 17	42 17	42 17	12 10	12 20	10 21	10 21
Clark	1 10	05	4 25	5 00	4 00	4 00	4 00	80	15	50 20	42 17	42 17	42 17	12 10	12 20	10 21	10 21
Clay	04	04	4 00	5 50	4 00	4 00	4 00	80	15	50 20	42 17	42 17	42 17	12 10	12 20	10 21	10 21
Clinton	2 50	1 50	5 00	9 00	6 00	6 00	6 00	80	15	50 20	42 17	42 17	42 17	12 10	12 20	10 21	10 21
Coles	2 00	2 50	05	3 50	4 50	2 50	3 75	80	15	50 20	42 17	42 17	42 17	12 10	12 20	10 21	10 21
Cook	04	04	3 80	5 10	5 10	5 10	5 10	80	07	37 19	36 14	36 14	36 14	09 12	09 12	10 17	10 17
Crawford	1 05	04	4 50	5 15	4 65	6 00	6 00	62	03	43 23	35 12	35 12	35 12	10 20	10 20	10 20	10 20
Cumberland	04	04	4 65	6 00	4 65	6 00	6 00	62	03	43 23	35 12	35 12	35 12	10 20	10 20	10 20	10 20
DeKalb	04	04	4 65	6 00	4 65	6 00	6 00	62	03	43 23	35 12	35 12	35 12	10 20	10 20	10 20	10 20
DeWitt	1 50	2 00	06	4 00	5 50	3 75	3 50	40	25	34 20	49 22	49 22	49 22	12 15	12 15	10 25	10 25
Douglas	06	06	3 50	3 75	2 50	2 50	2 50	40	25	47 25	37 12	37 12	37 12	15 20	15 20	10 25	10 25
DuPage	1 50	04	7 50	9 25	7 00	5 00	5 00	70	05	60 22	48 28	48 28	48 28	11 12	11 12	10 25	10 25
Edgar	1 00	2 00	05	4 50	5 35	6 00	6 00	70	05	50 24	45 22	45 22	45 22	15 27	15 27	10 25	10 25
Edwards	03	03	5 00	8 00	6 00	6 00	6 00	70	05	45 20	30 16	30 16	30 16	08 19	08 19	10 25	10 25
Effingham	03	03	5 00	5 35	4 00	4 00	4 00	70	05	45 20	30 16	30 16	30 16	08 19	08 19	10 25	10 25
Fayette	1 00	04	6 00	5 65	4 00	4 00	4 00	70	05	45 20	30 16	30 16	30 16	08 19	08 19	10 25	10 25
Ford	04	04	3 00	3 85	4 00	4 00	4 00	70	05	45 20	30 16	30 16	30 16	08 19	08 19	10 25	10 25
Franklin	03	03	7 00	8 00	6 00	6 00	6 00	70	05	45 20	30 16	30 16	30 16	08 19	08 19	10 25	10 25
Fulton	04	04	4 50	6 35	4 00	4 00	4 00	70	05	45 20	30 16	30 16	30 16	08 19	08 19	10 25	10 25
Gallatin	1 00	04	8 00	9 00	6 00	6 00	6 00	70	05	45 20	30 16	30 16	30 16	08 19	08 19	10 25	10 25
Greene	1 00	1 15	06	5 25	7 25	3 50	3 50	70	05	45 20	30 16	30 16	30 16	08 19	08 19	10 25	10 25
Grun-ly	05	05	5 00	5 90	4 00	5 00	5 00	70	05	45 20	30 16	30 16	30 16	08 19	08 19	10 25	10 25
Hamilton	65	05	6 80	8 40	4 00	4 00	4 00	70	05	45 20	30 16	30 16	30 16	08 19	08 19	10 25	10 25
Hancock	59	04	2 50	5 75	3 00	3 00	3 00	70	05	45 20	30 16	30 16	30 16	08 19	08 19	10 25	10 25
Hardin	05	05	9 00	9 00	6 00	6 00	6 00	70	05	45 20	30 16	30 16	30 16	08 19	08 19	10 25	10 25
Henderson	4 00	06	5 00	6 00	4 00	4 00	4 00	70	05	45 20	30 16	30 16	30 16	08 19	08 19	10 25	10 25
Henry	3 00	3 00	04	5 00	6 50	4 75	4 00	80	2 50	50 16	37 19	37 19	37 19	14 13	14 13	10 35	10 35
Iroquois	05	05	5 00	5 00	2 75	4 00	4 00	70	05	45 20	30 16	30 16	30 16	08 19	08 19	10 25	10 25
Jackson	1 00	03	6 65	9 35	4 00	4 00	4 00	70	05	45 20	30 16	30 16	30 16	08 19	08 19	10 25	10 25
Jasper	75	04	3 75	4 00	3 00	3 50	3 50	80	06	47 22	30 14	30 14	30 14	13 10	13 10	10 30	10 30
Jefferson	1 00	02	7 50	8 00	5 00	5 00	5 00	70	05	45 20	30 16	30 16	30 16	08 19	08 19	10 25	10 25
Jersey	05	05	4 65	7 15	4 00	4 00	4 00	70	05	45 20	30 16	30 16	30 16	08 19	08 19	10 25	10 25
JoDaviess	05	05	3 50	6 60	4 00	4 00	4 00	70	05	45 20	30 16	30 16	30 16	08 19	08 19	10 25	10 25
Johnson	1 00	08	8 50	10 50	6 00	6 00	6 00	70	05	45 20	30 16	30 16	30 16	08 19	08 19	10 25	10 25
Kane	4 00	05	5 75	7 00	5 90	6 00	6 00	70	05	45 20	30 16	30 16	30 16	08 19	08 19	10 25	10 25
Kankakee	1 00	05	5 10	6 35	4 10	5 00	5 00	80	06	50 18	39 21	39 21	39 21	13 10	13 10	10 36	10 36
Kendall	05	05	4 60	6 10	5 25	5 25	5 25	70	05	45 20	30 16	30 16	30 16	08 19	08 19	10 25	10 25
Knox	05	05	4 15	5 15	4 00	4 00	4 00	70	05	45 20	30 16	30 16	30 16	08 19	08 19	10 25	10 25
Lake	2 00	04	6 90	8 20	6 20	6 75	6 75	80	06	50 26	46 25	46 25	46 25	11 16	11 16	10 36	10 36
LaSalle	05	05	6 09	7 50	5 35	5 00	5 00	70	05	45 20	30 16	30 16	30 16	08 19	08 19	10 25	10 25
Lawrence	50	1 00	04	3 65	5 00	3 00	3 00	70	05	45 20	30 16	30 16	30 16	08 19	08 19	10 25	10 25
Lee	04	04	4 65	5 75	4 40	4 40	4 40	70	05	45 20	30 16	30 16	30 16	08 19	08 19	10 25	10 25

## Prices of Crops December 1, 1884—Continued.

COUNTIES.	Peaches per bushel in their season	Pears per bushel in their season	Grapes per pound in their season	Clover hay per ton.	Timothy hay per ton.	Prairie hay per ton.	Hungarian and millet per ton	Broom corn per ton.	Leaf tobacco per pound	Native wine per gallon	Sorghum molasses per gallon	Wool per pound	Milk cows per head.	Butter per pound.	Cheese per pound	Milk per gallon	Cream per gallon
Livingston			65	\$4 75	\$5 75	\$4 50					40	24	\$37	19	14	06	40
Logan			04	5 50	5 85	4 00					43	20	53	17	16	22	
Macon			06	4 65	8 35	5 50					47	19	46	18	15	16	75
Macoupin					4 00						55		40	15			
Madison	1 00	1 50	04	9 25	9 75	8 00	8 00	50		65	45	18	40	22	11	17	1 00
Marion				4 00	6 00		4 50		10		40	28	30	20	12	20	
Marshall			06	3 75	6 00	5 00	3 00				50	12	45	13	12		
Mason			04	5 65	7 65	5 00	6 00			1 00	47	16	40	22	15	22	
Massac	1 00	2 00	03	8 80	10 40		8 75		06		38	37	30	21	15	40	1 00
McDonough		2 50	03	2 50	4 50		3 00			1 50	50	23	45	20	16	17	
McHenry		2 00	05	5 50	5 80	4 40	6 00	40		1 25	48	22	45	28	09	12	
McLean			05	4 50	5 35	3 50				1 50	50	22	50	19		20	
Menard		1 35	04	4 65	5 35		4 25			1 50	55	19	47	17	11	25	
Mercer			05	3 00	4 35	4 50		70			50	17	42	22	15		40
Monroe	1 00	1 50	05	9 00	13 00					1 25	48		42	20		20	
Montgomery			04	5 00	5 60						43	20	38	16	20		
Morgan			04	5 65	6 40					1 00	52	19	46	20			
Moultrie				3 50	5 00	3 00	2 75	50			45	20	38	15			
Ogle			06	4 50	6 35	5 00					40	20	37	21	11		22
Peoria			07	3 00	6 00						40	18	43	18			
Perry	1 50	1 15	05	5 00	7 00	4 00	4 65		08	1 00	45	13	30	22	20	25	25
Piatt		1 25	06	6 00	5 50	4 00	4 00				50	19	52	17	12	22	80
Pike			05	4 65	6 65						50	21	42	15	12	06	
Pope				8 00	10 00						35		35	20			
Pulaski	1 50	1 25	05	8 00	10 35		10 00		08	2 00	43	25	31	23		20	
Putnam		1 50	04	4 00	5 50						57	20	47	22	12		
Randolph		1 05	06	6 00	10 50		6 50	80	30	80	45	28	37	20	12	25	40
Richland	1 50	2 00	04	6 00	6 35		8 00				38	21	28	16		25	
Rock Island			05	6 00	7 50	7 65				1 50	42	38	41	22	12	15	60
Saline				10 00	12 50						35	25	30	20	15		
Sangamon			10	4 35	5 50						52	15	47	20	14	25	
Schuyler			04	4 15	5 35			60	20	1 50	43	17	45	17	15	24	35
Scott	1 00		04	5 00	6 35					80	47	21	48	18		20	25
Shelby	1 50		06	4 00	5 00		4 00			85	48	21	41	14	12	12	15
Stark			07	5 00	5 90	6 00	4 00				54	19	44	19	16	20	60
St. Clair	1 00	1 35	04	6 80	8 95	7 00	8 00	50		65	38	19	45	24	11	19	77
Stephenson			05	4 40	5 70	4 50		1 20	11		48	19	37	20	11	15	40
Tazewell	2 00	2 50	05	5 00	5 50	5 00				1 00	50	17	50	19	15	20	80
Union		1 50	14	7 00	10 75		7 00			1 50	45	33	47	22		20	40
Vermilion		2 00	05		4 50	2 00					65	18	45	18	12	20	
Wabash		1 50	05	4 50	6 75				10		44	20	33	20		20	
Warren	4 00	4 00	07	4 35	5 25	4 00		40			40	18	41	19	14	18	80
Washington		1 00	04	10 00	9 35		7 00	40	15	75	40	35	33	20	15	20	
Wayne		1 00	05	6 00	6 00	5 00			05	1 50	45	30	30	14	17	20	
White		75	04	4 85	7 00				06		43	21	32	18			
Whiteside			08	5 50	8 00	5 00					50	16	35	21	12	16	60
Will		1 00	06	6 75	8 50	5 35	3 00		11	75	45	37	43	23	09	15	22
Williamson		1 50		5 65	7 65						38	28	34	22			
Winnebago		3 00	08	5 25	4 60	5 45	4 00		15		49	16	36	22	11	17	58
Woodford		1 00	02	3 50	5 00						60	20	40	15			
Average	1 90	1 50	0 05	\$5 35	\$6 75	\$4 75	5 05	0 76	0 11	1 30	0 46	0 22	39 0	19 0	13 0	18 0	47

## CORN.

COUNTIES.	Average 1884, re- turned by assess- sors.....	Av. yield per acre in bushels.....	Total yield in bushels.....	Price per bushel— cents.....	Value of crop.....	Cost of production per acre.....	Total cost of pro- duction.....	Profit on crop.....	Loss on crop.....
Adams.....	80,663	33	2,661,879	28	\$745,326	\$11 75	\$947,790	.....	\$202,464
Alexander.....	6,416	28	179,648	37	66,470	11 90	76,350	.....	9,880
Bond.....	45,241	21	950,061	25	237,515	10 40	470,506	.....	232,991
Boone.....	32,076	38	1,218,888	30	365,666	12 05	386,516	.....	20,850
Brown.....	29,490	35	1,032,150	30	309,645	10 25	302,272	\$7,373	.....
Bureau.....	151,991	28	4,255,748	28	1,191,609	11 25	1,719,899	.....	518,290
Calhoun.....	15,619	40	624,760	32	199,923	13 35	208,514	.....	8,501
Carroll.....	60,950	38	2,316,100	29	671,609	11 30	683,735	.....	17,066
Cass.....	41,292	34	1,403,928	26	365,021	9 85	406,726	.....	41,705
Champaign.....	197,343	25	4,933,575	25	1,233,394	10 90	2,151,039	.....	917,645
Christian.....	122,114	29	3,541,306	23	814,590	9 30	1,185,660	.....	321,160
Clark.....	41,600	28	1,164,800	28	326,144	9 60	399,360	.....	73,216
Clay.....	32,755	12	393,060	43	169,016	10 40	340,652	.....	171,636
Clinton.....	51,206	25	1,280,150	30	384,045	10 20	522,301	.....	138,256
Coles.....	54,222	23	1,247,106	27	336,719	10 00	542,220	.....	205,501
Cook.....	46,109	39	1,798,251	40	719,300	10 05	403,395	255,905	.....
Crawford.....	34,287	32	1,097,184	25	274,296	9 55	327,441	.....	53,145
Cumberland.....	28,339	22	623,458	28	174,568	8 15	230,963	.....	56,395
DeKalb.....	104,484	38	3,970,392	36	1,429,341	10 80	1,128,427	390,914	.....
DeWitt.....	79,813	30	2,394,390	26	622,511	8 45	674,420	.....	51,879
Douglas.....	53,262	31	1,651,122	24	396,269	10 45	556,588	.....	160,319
DuPage.....	30,630	39	1,194,570	37	441,991	13 05	399,721	42,270	.....
Edgar.....	90,643	27	2,447,361	28	685,261	8 55	774,998	.....	89,737
Edwards.....	18,152	15	272,280	35	95,298	9 00	163,363	.....	68,070
Effingham.....	42,385	20	847,700	33	279,741	11 30	478,950	.....	199,209
Fayette.....	47,679	10	476,790	30	143,037	10 10	481,558	.....	338,521
Ford.....	108,411	24	2,601,864	27	702,503	9 35	1,013,643	.....	311,140
Franklin.....	*3,487	25	87,175	35	30,511	8 45	29,405	1,046	.....
Fulton.....	101,351	35	3,547,285	28	993,240	10 55	1,069,253	.....	76,013
Gallatin.....	38,000	30	1,140,000	30	342,000	10 80	410,400	.....	68,400
Greene.....	51,078	42	2,145,276	27	579,224	13 45	686,999	.....	107,775
Grundy.....	78,792	32	2,521,344	28	705,976	9 90	780,041	.....	74,065
Hamilton.....	27,438	25	685,950	33	226,363	8 50	233,223	.....	6,860
Hancock.....	99,713	32	3,190,816	26	829,612	9 45	942,288	.....	112,676
Hardin.....	3,708	32	118,656	27	32,037	9 65	35,782	.....	3,745
Henderson.....	*64,691	35	2,264,185	24	543,404	9 40	608,095	.....	64,691
Henry.....	157,404	26	4,092,504	28	1,145,901	11 80	1,857,367	.....	711,466
Iroquois.....	209,528	30	6,285,840	25	1,571,460	8 40	1,760,035	.....	138,575
Jackson.....	19,556	27	528,012	38	200,644	13 35	261,073	.....	60,429
Jasper.....	35,351	13	459,589	31	142,472	8 80	311,106	.....	168,634
Jefferson.....	42,848	12	514,176	38	195,887	9 65	413,483	.....	218,096
Jersey.....	*34,423	32	1,101,536	25	275,384	11 90	409,634	.....	134,550
JoDavies.....	51,404	37	1,901,948	37	703,721	12 85	660,541	43,180	.....
Johnson.....	12,716	42	534,072	40	213,629	8 55	108,722	104,907	.....
Kane.....	52,591	35	1,810,685	36	662,647	13 60	715,238	.....	52,591
Kankakee.....	79,361	27	2,142,828	28	599,992	9 30	738,085	.....	138,093
Kendall.....	58,065	33	1,916,145	30	574,843	10 80	627,102	.....	52,259
Knox.....	119,926	34	4,077,484	29	1,182,470	11 70	1,403,134	.....	220,664
Lake.....	23,584	35	825,440	40	330,176	13 35	314,846	15,330	.....
LaSalle.....	192,978	31	5,982,318	32	1,914,342	11 25	2,171,002	.....	256,660
Lawrence.....	27,421	22	603,262	30	180,979	10 65	292,034	.....	111,055
Lee.....	*140,146	30	4,204,380	30	1,261,314	10 20	1,429,489	.....	188,175



## CORN—Continued.

COUNTIES.	Acreage 1884, re- turned by assess- ors.....	Av. yield per acre in bushels.....	Total yield in bushels.....	Price per bushel— cents.....	Value of crop.....	Cost of production per acre.....	Total cost of pro- duction.....	Profit on crop.....	Loss on crop.....
Livingston...	233,762	25	5,844,050	25	1,461,012	10 10	\$2,360,996	.....	\$899,984
Logan.....	162,177	25	4,054,425	26	1,054,150	9 25	1,500,137	.....	445,987
Macon.....	124,176	38	4,718,688	27	1,274,046	10 95	1,359,727	.....	81,681
Macoupin.....	91,316	35	3,196,060	28	894,897	10 90	995,344	.....	100,447
Madison.....	75,922	38	2,885,036	32	923,211	12 50	949,025	.....	25,814
Marion.....	39,301	13	510,913	37	189,038	8 95	351,744	.....	162,706
Marshall.....	*80,000	32	2,560,000	26	665,600	10 80	864,000	.....	198,400
Mason.....	*43,675	23	1,004,525	26	261,176	8 50	371,237	.....	110,061
Massac.....	10,876	34	369,784	37	136,820	14 20	154,439	.....	17,619
McDonough.....	*76,882	40	3,075,280	24	738,067	11 20	861,078	.....	123,011
McHenry.....	56,546	39	2,205,294	38	838,012	11 50	650,279	187,733	.....
McLean.....	237,420	29	6,885,441	30	2,065,632	9 50	2,251,575	.....	189,943
Menard.....	72,150	22	1,587,300	29	460,317	10 65	768,397	.....	308,080
Mercer.....	80,719	36	2,906,964	29	843,019	11 00	888,239	.....	45,220
Monroe.....	16,159	35	565,565	38	214,915	13 70	221,378	.....	6,463
Montgomery.....	103,213	24	2,477,112	27	668,820	9 10	939,238	.....	270,418
Morgan.....	*128,159	34	4,357,466	28	1,220,074	10 65	1,364,893	.....	144,819
Moultrie.....	45,477	28	1,273,356	27	343,806	9 50	432,031	.....	88,225
Ogle.....	116,858	37	4,323,746	33	1,426,836	9 55	1,115,994	310,842	.....
Peoria.....	87,007	26	2,262,182	26	588,167	11 05	961,427	.....	373,260
Perry.....	*12,316	14	172,424	41	70,694	8 15	100,375	.....	29,681
Piatt.....	60,706	30	1,821,180	25	455,295	10 20	619,201	.....	163,906
Pike.....	61,794	39	2,409,966	30	722,999	11 90	735,249	.....	12,359
Pope.....	*18,047	33	595,551	35	208,443	10 70	193,103	15,340	.....
Pulaski.....	10,457	25	261,425	37	96,727	12 65	132,281	.....	35,554
Putnam.....	27,694	43	1,190,842	29	345,344	10 15	281,094	64,250	.....
Randolph.....	24,684	31	765,204	45	344,342	10 30	254,245	90,097	.....
Richland.....	24,658	11	271,238	37	100,358	9 45	233,018	.....	132,660
Rock Island.....	55,825	29	1,618,925	30	485,677	12 35	689,439	.....	203,762
Saline.....	10,557	25	388,925	35	136,124	8 40	130,679	5,445	.....
Sangamon.....	145,120	34	4,788,960	25	1,197,240	11 50	1,668,880	.....	471,640
Schuyler.....	39,686	36	1,423,696	29	418,322	10 80	428,609	.....	10,287
Scott.....	12,855	40	514,200	28	143,975	10 60	136,263	7,713	.....
Shelby.....	86,308	27	2,330,316	25	582,579	11 00	949,388	.....	366,809
Stark.....	59,345	37	2,295,765	31	680,687	10 90	646,860	33,827	.....
St. Clair.....	44,273	44	1,948,012	37	720,764	15 25	675,163	45,601	.....
Stephenson.....	78,569	38	2,985,622	30	895,687	10 00	785,690	109,997	.....
Tazewell.....	104,911	27	2,832,597	29	821,453	9 20	965,181	.....	143,728
Union.....	12,113	34	411,842	40	164,737	*10 55	127,792	36,945	.....
Vermilion.....	134,683	34	4,579,222	25	1,144,805	9 65	1,299,691	.....	154,886
Wabash.....	19,162	25	498,212	32	159,428	10 95	209,824	.....	50,396
Warren.....	97,398	35	3,408,930	30	1,022,679	13 05	1,271,044	.....	248,365
Washington.....	32,425	15	486,375	38	184,822	9 15	296,689	.....	111,867
Wayne.....	35,321	8	282,568	37	104,550	8 45	298,462	.....	193,912
White.....	38,058	25	951,450	28	266,406	9 95	378,678	.....	112,272
Whiteside.....	88,796	25	2,219,900	25	554,975	10 25	910,159	.....	355,184
Will.....	115,372	32	3,691,904	33	1,402,923	10 05	1,159,489	243,434	.....
Williamson.....	15,860	26	412,360	40	164,944	9 60	152,256	12,688	.....
Winnebago.....	71,857	31	2,227,567	30	668,270	10 05	722,163	.....	53,893
Woodford.....	100,398	35	3,513,930	27	948,761	10 10	1,014,020	.....	65,259
Total or ave.	6,898,819	33	207,556,662	29	\$60,300,153	\$10 45	\$72,080,712	\$1,934,\$35	\$13,715,396

\* Estimated.

## CORN.

*Average yield for the past nine years.*

COUNTIES.	BUSHEL.									Average.
	1876.	1877.	1878.	1879.	1880.	1881.	1882.	1883.	1884.	
Adams.....	29	40	21	43	34	32	24	28	33	31
Alexander.....	16	35	24	35	44	12	37	33	28	29
Bond.....	31	23	16	37	15	3	33	20	21	22
Boone.....	32	33	38	36	40	32	26	21	38	33
Brown.....	23	36	22	39	25	32	20	26	35	29
Bureau.....	17	35	33	36	34	23	18	20	28	27
Calhoun.....	22	25	25	42	32	20	40	40	40	32
Carroll.....	8	35	40	41	46	30	42	18	38	33
Cass.....	30	40	30	32	32	30	30	34	34	32
Champaign.....	15	26	26	37	36	22	24	40	25	28
Christian.....	28	18	27	42	39	22	19	16	29	27
Clark.....	6	32	25	34	27	3	24	32	28	24
Clay.....	7	16	13	31	18	7	29	16	12	16
Clinton.....	9	15	24	39	17	2	27	35	25	21
Coles.....	11	30	22	40	37	16	24	30	23	26
Cook.....	34	45	32	31	39	22	26	14	39	31
Crawford.....	26	31	19	31	34	3	30	32	32	26
Cumberland.....	9	25	15	33	35	4	27	24	22	21
DeKalb.....	40	35	38	42	38	36	26	20	38	35
DeWitt.....	26	23	24	42	30	35	23	29	30	29
Douglas.....	8	18	25	40	38	27	30	24	31	27
DuPage.....	41	35	45	37	42	25	25	20	39	34
Edgar.....	18	32	37	40	37	21	30	31	27	30
Edwards.....	12	18	30	30	24	2	25	20	15	19
Effingham.....	22	20	12	37	22	6	40	14	20	21
Fayette.....	13	19	12	40	18	3	32	20	10	18
Ford.....	3	26	20	34	30	27	25	15	24	23
Franklin.....	25	21	21	33	27	29	18	25	25	25
Fulton.....	20	32	25	38	35	34	20	23	35	29
Gallatin.....	24	37	25	36	22	13	26	32	30	27
Greene.....	38	32	31	41	45	32	43	40	42	38
Grundy.....	8	36	18	37	8	22	20	12	32	24
Hamilton.....	22	20	25	40	20	1	28	22	25	22
Hancock.....	14	28	33	43	39	25	14	20	32	27
Hardin.....	36	30	20	24	22	8	28	25	32	25
Henderson.....	17	35	35	43	43	22	22	22	35	30
Henry.....	26	50	45	36	34	18	22	18	26	30
Iroquois.....	15	25	22	31	22	26	19	27	30	24
Jackson.....	28	18	15	38	17	5	40	23	27	23
Jasper.....	4	22	7	31	35	2	37	30	13	20
Jefferson.....	22	14	26	39	19	1	29	35	12	22
Jersey.....	42	23	22	40	31	19	32	40	32	31
Jo Daviess.....	40	39	41	48	41	32	33	24	37	37
Johnson.....	25	30	23	20	27	10	34	32	42	27
Kane.....	42	42	40	42	37	32	25	35	35	35
Kankakee.....	8	39	30	25	25	25	18	16	27	24
Kendall.....	12	32	35	30	39	22	31	21	33	28
Knox.....	26	30	32	42	38	29	19	26	31	31
Lake.....	35	35	34	40	41	24	24	20	35	32
LaSalle.....	27	52	30	35	35	17	23	18	31	27
Lawrence.....	9	26	15	27	33	2	29	29	22	21
Lee.....	26	35	41	37	33	24	26	20	30	30

## CORN—Continued.

*Average yield for the past nine years.*

COUNTIES.	BUSHEL.									Average..
	1876.	1877.	1878.	1879.	1880.	1881.	1882.	1883.	1884.	
Livingston.....	11	32	24	40	19	26	17	17	25	23
Logan.....	47	35	28	36	35	36	25	28	25	32
Macon.....	22	26	27	36	43	30	22	32	38	31
Macoupin.....	16	19	22	50	40	23	24	30	35	29
Madison.....	47	25	21	50	27	13	30	35	38	32
Marion.....	18	25	23	27	13	1	27	25	13	19
Marshall.....	25	34	26	38	41	30	27	25	32	31
Mason.....	18	16	20	25	20	25	12	14	23	19
Massac.....	40	32	23	26	28	7	32	25	34	27
McDonough.....	16	25	25	40	32	40	20	25	40	29
McHenry.....	29	36	40	36	44	24	27	20	39	34
McLean.....	17	29	27	44	31	39	18	27	29	29
Menard.....	28	29	31	36	31	42	26	23	22	30
Mercer.....	42	46	41	50	42	23	25	26	36	37
Monroe.....	50	42	15	42	33	15	31	42	35	34
Montgomery.....	21	16	20	50	33	10	26	34	24	26
Morgan.....	18	46	35	40	42	41	24	36	34	35
Moultrie.....	38	16	24	33	34	23	19	24	28	26
Ogle.....	14	31	35	41	40	31	25	17	37	30
Peoria.....	29	37	27	40	40	26	23	19	26	30
Perry.....	32	12	10	33	12	1	27	21	14	18
Piatt.....	19	27	22	40	33	32	24	40	30	30
Pike.....	22	32	31	40	22	21	34	32	39	30
Pope.....	28	29	20	32	27	7	32	25	33	26
Pulaski.....	40	42	21	28	25	11	42	18	25	28
Putnam.....	34	41	35	43	40	22	34	30	43	36
Randolph.....	27	31	36	41	27	8	32	28	31	29
Richland.....	20	45	10	28	15	1	23	15	11	19
Rock Island.....	40	45	36	33	32	20	25	24	29	31
Saline.....	22	37	25	40	20	7	31	25	25	26
Sangamon.....	36	36	35	36	36	41	21	38	33	35
Schuyler.....	40	27	28	52	32	40	22	33	36	33
Scott.....	37	45	35	57	37	45	27	38	40	40
Shelby.....	31	19	28	35	36	20	28	39	27	28
Stark.....	40	47	33	45	37	28	30	26	37	36
St. Clair.....	52	32	33	52	37	13	45	38	44	38
Stephenson.....	40	36	49	42	38	40	27	16	38	36
Tazewell.....	18	28	31	36	34	30	23	23	27	28
Union.....	30	25	32	35	20	15	33	20	34	28
Vermilion.....	18	23	30	37	43	21	22	32	34	29
Wabash.....	22	25	31	45	22	5	28	27	26	26
Warren.....	24	40	45	45	29	27	24	40	35	35
Washington.....	33	15	30	35	13	1	33	40	15	24
Wayne.....	18	13	22	84	20	.....	31	24	8	21
White.....	23	24	25	36	18	3	30	35	25	24
Whiteside.....	25	32	40	40	35	23	19	18	.....	29
Will.....	6	40	40	50	36	27	22	37	32	30
Williamson.....	28	25	22	32	19	5	28	22	26	23
Winnebago.....	38	32	38	37	39	34	29	15	31	32
Woodford.....	14	35	22	43	27	32	17	20	35	27
Average.....	23	30	29	38	33	24	24	26	30	28



## WINTER GRAIN.

COUNTIES.	WHEAT.				RYE.			
	Acreage 1884 re- turned by assessors.	Acreage 1885 compared with 1884...	Acreage 1885 crop.	Average con- dition Dec. 1, 1884.....	Acreage 1884 re- turned by assessors.	Acreage 1885 compared with 1884...	Acreage 1885 crop.	Average con- dition Dec. 1, 1884.....
Adams.....	80,159	80	64,127	105	1,198	90	1,078	90
Alexander.....	11,463	70	8,024	107	33	*90	30	.....
Bond.....	39,570	83	32,843	107	720	97	698	102
Boone.....	615	95	584	100	1,965	93	1,827	100
Brown.....	27,384	80	21,907	107	651	100	651	107
Bureau.....	1,103	65	717	100	6,688	68	4,548	100
Calhoun.....	24,835	85	21,110	97	.....	102	.....	97
Carroll.....	2,992	103	3,082	99	47,345	100	47,345	97
Cass.....	19,916	92	18,323	106	430	101	434	100
Champaign.....	35,458	82	29,075	105	4,043	70	2,830	100
Christian.....	69,396	86	59,680	101	361	97	350	95
Clark.....	36,653	77	28,223	96	512	100	512	97
Clay.....	28,728	70	20,110	85	262	80	210	85
Clinton.....	70,963	95	67,415	87	122	85	104	100
Coles.....	26,005	103	26,785	113	460	100	460	105
Cook.....	118	90	106	100	937	105	984	102
Crawford.....	36,252	71	25,739	88	265	79	209	97
Cumberland.....	28,921	87	25,161	90	368	*90	331	.....
DeKalb.....	147	100	147	100	1,917	105	2,013	100
DeWitt.....	6,657	96	6,391	100	1,905	94	1,791	101
Douglas.....	12,026	80	9,621	110	440	60	264	100
DuPage.....	200	100	200	100	1,929	95	1,832	105
Edgar.....	47,061	85	40,002	97	440	100	440	100
Edwards.....	24,637	70	17,246	110	34	100	34	110
Effingham.....	37,399	79	29,545	103	495	92	455	97
Fayette.....	47,906	77	36,883	103	452	92	416	100
Ford.....	497	90	447	110	1,246	90	1,121	105
Franklin.....	*5,247	100	5,247	100	*5	75	4	75
Fulton.....	37,118	95	35,262	103	8,087	90	7,278	100
Gallatin.....	41,000	92	37,720	100	300	*90	270	.....
Greene.....	57,434	96	55,137	100	194	100	194	102
Grundy.....	119	*88	105	.....	1,366	100	1,366	105
Hamilton.....	21,535	106	22,827	109	6	81	486	106
Hancock.....	28,550	107	30,548	103	3,689	95	3,504	100
Hardin.....	2,203	100	2,203	100	23	*90	21	.....
Henderson.....	*4,154	85	3,531	92	*7,307	50	3,653	100
Henry.....	277	100	277	100	7,586	95	7,207	104
Iroquois.....	4,432	*88	3,900	105	6,542	92	6,019	100
Jackson.....	47,406	82	38,873	88	25	100	25	95
Jasper.....	30,471	82	24,986	93	528	103	544	90
Jefferson.....	61,393	75	46,045	100	198	75	148	100
Jersey.....	*53,467	103	55,071	107	*61	100	61	100
JoDavies.....	3,433	95	3,261	100	1,633	100	1,633	100
Johnson.....	21,417	67	14,349	89	20	78	16	75
Kane.....	126	97	122	103	2,688	95	2,554	104
Kankakee.....	2,432	82	1,994	112	8,416	100	8,416	107
Kendall.....	78	92	72	97	1,148	97	1,113	102
Knox.....	3,353	102	3,420	103	4,217	100	4,217	100
Lake.....	351	82	288	95	496	92	456	97
LaSalle.....	2,549	100	2,549	109	3,051	86	2,624	102
Lawrence.....	37,717	80	30,173	92	222	87	193	100
Lee.....	*200	90	180	101	*2,992	100	2,992	104

## WINTER GRAIN—Continued

COUNTIES.	WHEAT.				RYE.			
	Acreage 1884 re- turned by assessors.	Acreage 1885 compared with 1884...	Acreage 1885 crop.	Average con- dition Dec. 1, 1884	Acreage 1884 re- turned by assessors.	Acreage 1885 compared with 1884...	Acreage 1885 crop.	Average con- dition Dec. 1, 1884
Livingston.....	754	50	377	95	5,135	55	2,824	95
Logan.....	32,455	85	27,587	107	1,627	95	1,546	100
Macon.....	29,467	78	22,984	99	470	80	376	100
Macoupin.....	99,277	50	49,638	100	192	*90	173	.....
Madison.....	116,752	78	91,066	103	480	100	480	100
Marion.....	39,845	110	43,829	112	277	*90	249	.....
Marshall.....	*600	130	780	110	*3,000	77	2,310	100
Mason.....	*10,212	90	9,191	95	.....	80	.....	100
Massac.....	19,002	90	17,102	99	41	120	49	95
McDonough.....	*10,212	105	10,723	105	*10,464	90	9,418	100
McHenry.....	629	100	629	102	1,368	94	1,286	104
McLean.....	6,093	85	5,179	105	9,041	70	6,329	104
Menard.....	36,165	84	30,379	90	1,150	97	1,115	100
Mercer.....	481	100	481	95	5,101	89	4,540	95
Monroe.....	67,372	97	65,351	95	97	100	97	100
Montgomery.....	92,559	82	75,898	104	592	83	491	.....
Morgan.....	*40,738	86	35,035	102	*4,700	95	4,465	100
Moultrie.....	15,954	87	13,880	103	69	75	52	100
Ogle.....	3,471	100	3,471	101	6,438	100	6,438	100
Peoria.....	5,725	110	6,297	102	4,135	57	2,357	100
Perry.....	*98,484	82	31,557	100	*77	95	73	100
Piatt.....	11,309	87	9,839	100	691	100	691	100
Pike.....	96,457	87	83,917	99	318	97	308	100
Pope.....	*21,681	90	19,513	95	.....	.....	.....	.....
Pulaski.....	9,570	92	8,804	107	81	100	81	100
Putnam.....	1,001	95	951	98	1,210	80	963	100
Randolph.....	94,026	95	89,325	102	90	*90	81	.....
Richland.....	30,995	65	20,147	103	212	92	195	100
Rock Island.....	230	100	230	105	4,480	67	3,002	90
Saline.....	15,689	75	11,767	90	6	*90	5	.....
Sangamon.....	53,796	92	49,492	107	1,759	95	1,671	102
Schuyler.....	33,509	92	30,828	108	542	83	450	103
Scott.....	11,905	83	9,881	100	95	90	85	100
Shelby.....	54,947	90	49,452	109	770	77	593	102
Stark.....	270	100	270	105	1,731	85	1,471	102
St. Clair.....	127,721	88	112,394	103	91	100	91	105
Stephenson.....	5,451	96	5,233	100	16,218	90	14,596	100
Tazewell.....	27,584	85	23,446	94	2,004	83	1,663	98
Union.....	23,122	90	20,810	92	88	100	83	100
Vermilion.....	29,312	97	28,433	115	2,085	60	1,251	100
Wabash.....	27,180	89	24,190	102	8	*90	7	.....
Warren.....	710	96	682	105	2,435	100	2,435	102
Washington.....	93,636	88	82,400	100	108	97	105	97
Wayne.....	27,320	72	19,670	90	23	80	18	80
White.....	45,421	87	39,516	93	72	90	65	100
Whiteside.....	501	*88	441	.....	16,156	*90	14,540	110
Will.....	1,264	90	1,138	100	2,755	88	2,398	100
Williamson.....	22,682	70	15,877	85	28	100	28	75
Winnebago.....	1,926	103	1,984	101	9,903	97	9,606	101
Woodford.....	3,778	95	3,589	100	2,243	95	2,131	100
Total or average...	2,722,763	85	2,317,291	100	256,644	89	229,252	99

\* Estimated.

## PASTURES AND SORGHUM.

COUNTIES.	PASTURES.				SORGHUM.			
	Acres turned by as- sessor	Value per acre for season of 1884	Total value	Acres turned by as- sessor	Number of gallons syrup per acre	Total number of gallons produced	Price per gallon	Value of product
Adams	53,969	\$4 65	\$250,956	561	140	78,960	\$0 50	\$39,480
Alexander	137	*3 85	527	46	127	5,842	37	2,161
Bond	27,240	2 60	70,824	207	90	18,630	47	8,756
Boone	51,774	2 75	142,378		487		50	
Brown	27,362	3 50	95,872	200	80	16,000	47	7,520
Bureau	106,216	3 35	355,824	91	98	8,918	45	4,013
Calhoun	2,653	4 50	11,933				60	
Carroll	61,874	4 00	247,496	8	75	600	50	300
Cass	22,916	4 35	99,685	15	87	1,305	52	679
Champaign	108,506	3 25	352,644	203	125	25,375	50	12,687
Christian	68,396	4 70	321,461	54	*100	5,400	50	2,700
Clark	28,493	2 25	64,109	261	*100	26,100	35	9,135
Clay	19,864	3 85	76,476	254	65	16,510	45	7,429
Clinton	22,427	4 00	89,708	15	90	1,350	50	675
Coles	42,483	2 85	121,076	215	77	16,555	42	6,953
Cook	82,884	3 00	248,652				*46	
Crawford	24,472	2 50	61,180	227	94	21,338	37	7,895
Cumberland	23,656	3 50	82,796	265	150	39,750	43	17,092
DeKalb	118,722	2 40	403,655	3	*100	300	*46	138
DeWitt	46,762	2 85	133,272	90	120	10,800	34	3,672
Douglas	51,496	3 00	154,488	72	150	10,800	47	5,076
DuPage	45,993	4 20	193,171		145		60	
Edgar	90,092	6 00	540,552	140	80	11,200	50	5,600
Edwards	11,560	2 00	23,120	236	*100	22,600	45	10,170
Efingham	33,951	2 00	67,902	268	108	28,944	45	13,025
Fayette	27,013	3 50	94,545	222	150	33,300	43	14,319
Ford	38,247	2 90	110,916	24	75	1,800	45	810
Franklin	*784	3 50	2,744	*1	90	90	40	36
Fulton	65,641	3 15	106,769	184	59	9,200	50	4,600
Gallatin	8,840	2 00	17,680	440	85	37,400	37	13,838
Greene	54,329	8 00	434,632	155	108	16,740	52	8,705
Grundy	62,398	3 85	240,232		115		40	
Hamilton	58,120	8 00	464,960	503	107	53,821	46	24,758
Hancock	66,923	2 75	184,038	353	100	35,300	42	14,826
Hardin	1,992	5 00	8,960	58	30	1,740	40	696
Henderson	*61,845	3 50	216,457	*103	140	14,420	45	6,489
Henry	116,949	3 75	438,559	857	152	130,264	50	65,132
Iroquois	112,794	2 25	253,786	147	100	14,700	*46	6,762
Jackson	8,282	2 50	20,705	73	175	13,650	45	6,142
Jasper	21,066	1 50	31,599	374	85	31,790	47	14,941
Jefferson	26,871	6 00	161,226	162	100	16,200	40	6,480
Jersey	*23,146	6 35	146,977	*34	100	3,400	50	1,700
JoDavless	80,462	3 65	293,712	29	80	2,320	44	1,021
Johnson	4,611	4 00	18,444	142	107	15,194	42	6,381
Kane	96,632	3 60	347,875				50	
Kankakee	59,683	3 75	2*3,811	55	55	3,025	50	1,512
Kendall	47,968	3 50	167,888	5	60	300	55	165
Knox	118,118	4 00	472,472	177	100	17,700	58	10,266
Lake	76,735	4 15	318,450	37	150	5,550	50	2,775
LaSalle	107,141	3 90	417,850	78	79	6,162	54	3,327
Lawrence	26,817	3 35	89,837	195	57	11,115	38	4,224
Lee	*74,120	3 35	248,302					



## PASTURES AND SORGHUM.—Continued.

COUNTIES.	PASTURES.			SORGHUM.				
	Acreage 1884 re- turned by assess- sors .....	Value per acre for season of 1884....	Total value.....	Acreage 1884 re- turned by assess- sors .....	Number of gallons syrup per acre...	Total number of gallons produced	Price per gallon...	Value of product.
Livingston .....	102,332	\$2 75	\$281,413	121	80	\$9,680	40	\$3,872
Logan .....	67,662	4 00	270,648	77	150	11,550	43	4,966
Maco .....	60,886	5 25	317,026	32	200	6,400	47	3,003
Macoupin .....	81,684	2 50	204,210	124	100	12,400	55	6,820
Madison .....	46,247	4 15	191,925	107	80	8,560	45	3,852
Marion .....	32,179	1 00	32,179	258	60	15,480	40	6,191
Marshall .....	*45,000	3 60	162,000	*45	200	9,000	50	4,500
Mason .....	5 33	.....	.....	.....	125	.....	47	.....
Massac .....	2,299	6 00	13,794	184	110	20,240	38	7,691
McDonough .....	*49,892	4 00	199,568	*111	187	20,757	50	10,378
McHenry .....	129,542	5 30	686,573	36	136	4,896	48	2,350
McLean .....	158,237	3 00	474,711	91	90	8,190	50	4,095
Menard .....	37,730	4 00	150,920	185	87	16,095	55	8,852
Mercer .....	90,788	3 50	317,758	269	60	16,140	50	8,070
Monroe .....	7,253	4 00	29,012	59	75	4,425	48	2,124
Montgomery .....	67,482	3 15	212,568	163	100	16,300	43	7,009
Morgan .....	*80,819	4 20	339,440	*90	100	9,000	52	4,680
Moultrie .....	26,086	3 10	80,867	67	82	5,494	45	2,472
Ogle .....	88,928	4 00	355,712	28	100	2,800	40	1,120
Peoria .....	48,322	4 00	193,288	190	*100	19,000	40	7,600
Perry .....	*4,994	3 50	17,479	.....	90	.....	45	.....
Platt .....	20,791	3 00	62,373	15	85	1,275	50	630
Pike .....	35,632	5 35	190,631	130	*100	13,000	50	6,500
Pope .....	*6,812	5 00	34,060	*906	70	21,420	35	7,497
Pulaski .....	1,685	5 00	6,740	151	125	18,875	42	8,116
Putnam .....	25,133	4 65	116,868	.....	80	.....	57	.....
Randolph .....	13,308	9 50	126,426	217	142	30,814	45	13,866
Richland .....	39,424	3 50	137,984	253	92	23,276	38	8,845
Rock Island .....	56,087	3 65	204,777	45	100	4,500	42	1,890
Saline .....	5,114	3 00	15,342	152	60	9,120	35	3,192
Sangamon .....	109,182	3 35	365,760	61	*100	6,100	52	3,172
Schuyler .....	39,444	4 50	177,498	166	110	18,260	43	7,852
Scott .....	7,029	4 65	32,685	3	120	360	47	169
Shelby .....	63,153	2 70	170,513	193	73	14,089	48	6,763
Stark .....	36,700	5 00	183,500	62	100	6,202	54	3,348
St. Clair .....	17,273	5 00	86,365	94	110	10,340	38	3,929
Stephenson .....	64,030	4 35	278,530	87	60	5,220	48	2,506
Tazewell .....	57,257	3 75	214,714	18	*100	1,800	50	900
Union .....	4,714	7 35	34,648	93	90	8,370	45	3,766
Vermilion .....	125,476	2 35	294,869	263	*100	26,300	65	17,095
Wabash .....	14,139	3 00	42,417	67	65	4,355	44	1,916
Warren .....	106,853	5 75	614,405	147	150	22,050	40	8,820
Washington .....	22,836	1 85	42,247	258	80	20,640	40	8,256
Wayne .....	24,015	2 00	48,030	280	50	14,000	45	6,300
White .....	17,884	5 35	95,679	255	65	16,575	43	7,127
Whiteside .....	83,176	5 00	415,880	68	60	4,000	50	2,040
Will .....	117,892	3 75	442,095	6	40	240	45	108
Williamson .....	8,838	4 00	35,352	332	72	23,904	38	9,083
Winnebago .....	69,059	3 75	258,971	27	90	2,430	49	1,191
Woodford .....	45,557	3 00	136,671	31	90	2,790	60	1,674
Total average .....	5,035,817	\$3 80	\$19,241,249	13,854	100	1,389,245	\$45	\$631,270

## IRISH POTATOES.

Counties.	Acreage 1884, re- turned by as- sessors.....	Average yield per acre in bushels.	Total yield in bushels.....	Price per bushel..	Value of crop.....	Cost of production per acre.....	Total cost of pro- duction.....	Profit on crop ....	Loss on crop .....
Adams.....	1,647	153	251,991	\$0 35	\$38,197	\$15 65	\$25,775	\$62,422	
Alexander.....	199	110	21,890	37	8,099	18 35	3,652	4,447	
Bond.....	578	80	46,240	42	19,421	19 65	11,358	8,062	
Boone.....	820	100	82,000	38	31,160	23 96	19,639	11,521	
Brown.....	411	120	49,320	40	19,728	17 30	7,110	12,618	
Bureau.....	1,683	115	193,660	32	61,971	19 10	32,164	29,807	
Calhoun.....	125	115	14,375	30	4,312	21 80	2,725	1,587	
Carroll.....	1,189	94	111,766	42	46,942	31 65	37,632	9,310	
Cass.....	165	110	18,150	38	6,897	22 30	3,679	3,218	
Champaign.....	3,010	55	165,550	40	66,220	20 10	60,501	5,719	
Christian.....	1,261	172	141,232	32	45,194	19 15	24,148	21,046	
Clark.....	545	105	57,225	28	16,023	21 15	11,527	4,496	
Clay.....	315	67	21,105	50	10,552	17 40	5,481	5,071	
Clinton.....	815	90	73,350	37	27,139	22 20	18,093	9,046	
Coles.....	714	61	43,554	42	18,293	17 10	12,209	6,084	
Cook.....	9,866	70	690,620	37	255,528	17 17	169,202	86,236	
Crawford.....	383	79	30,257	36	10,892	17 80	6,817	4,075	
Cumberland.....	244	120	29,280	35	10,248	14 15	3,453	6,795	
DeKalb.....	1,882	60	109,920	48	52,762	23 35	44,777	7,985	
DeWitt.....	579	75	43,425	35	15,199	15 20	8,801	6,398	
Douglas.....	350	120	45,600	32	14,592	18 50	7,030	7,562	
DuPage.....	3,631	95	344,945	35	120,731	31 85	115,647	5,084	
Edgar.....	601	115	69,115	37	25,252	15 65	9,406	16,166	
Edwards.....	298	*98	29,204	30	8,761	16 50	4,917	3,844	
Effingham.....	700	100	70,000	37	25,900	21 90	15,330	10,570	
Fayette.....	519	83	43,077	37	15,938	23 05	11,963	3,975	
Ford.....	618	75	46,350	25	11,587	19 10	11,804		\$217
Franklin.....	*8	70	550	27	151	16 15	129	22	
Fulton.....	1,424	158	224,992	32	71,997	15 70	22,357	49,640	
Gallatin.....	640	65	41,600	30	12,480	19 80	12,672		192
Greene.....	571	106	60,526	37	22,395	17 25	9,850	12,545	
Grundy.....	1,093	100	109,300	30	32,790	18 75	20,494	12,296	
Hamilton.....	660	89	58,740	39	22,909	22 30	13,718	8,191	
Hancock.....	1,206	130	156,780	25	31,195	23 60	28,462	10,733	
Hardin.....	1,419	65	92,235	22	20,292	18 45	26,180		5,888
Henderson.....	*298	87	25,926	22	5,704	18 55	5,528	176	
Henry.....	1,608	117	188,136	29	54,559	20 70	33,286	21,273	
Iroquois.....	21097	107	224,379	26	58,358	25 30	53,054	5,284	
Jackson.....	552	78	43,056	33	14,208	23 95	13,220	988	
Jasper.....	996	66	65,736	63	41,414	15 55	15,488	29,926	
Jefferson.....	503	63	31,689	35	11,091	17 25	8,677	2,414	
Jersey.....	*477	143	62,211	62	38,571	20 95	9,993	28,578	
Jo Daviess.....	1,815	65	117,975	34	40,111	18 70	33,940	6,171	
Johnson.....	187	77	14,399	34	4,896	18 25	3,413	1,483	
Kane.....	1,690	105	177,450	36	63,882	22 55	38,109	25,773	
Kankakee.....	1,251	102	127,602	31	39,557	26 00	32,526	7,031	
Kendall.....		89		38		21 90			
Knox.....	1,234	125	160,500	27	41,730	20 55	26,386	15,344	
Lake.....	1,410	101	142,410	35	49,843	19 50	17,495	32,348	
LaSalle.....	2,898	96	278,208	46	127,976	21 40	62,017	65,959	
Lawrence.....	231	57	13,167	37	4,872	18 45	4,262	610	
Lee.....	*2,711	55	149,105	42	62,624	18 35	49,847	12,877	

## IRISH POTATOES—Continued.

Counties.	Average 1884, re- turned by as- sessors.....	Average yield per acre in bushels..	Total yield in bushels.....	Price per bushel..	Value of crop .....	Cost of production per acre.....	Total cost of pro- duction.....	Profit on crop .....	Loss on crop .....
Livingston .....	3,651	58	211,758	\$0 27	\$57,175	\$22 45	\$81,961	.....	\$24,791
Logan.....	1,220	83	101,260	28	28,373	19 80	24,156	4,197	
Macon.....	1,081	162	175,122	29	50,785	20 75	22,431	28,354	
Macoupin.....	662	125	82,750	30	24,851	19 95	13,207	11,618	
Madison.....	9,753	82	799,746	38	303,903	19 20	187,258	116,611	
Marion.....	236	67	15,812	35	5,531	15 15	3,575	1,959	
Marshall.....	*1,000	127	127,000	39	38,190	22 15	22,450	15,950	
Mason.....	*213	100	21,300	30	6,390	20 10	4,374	2,066	
Massac.....	313	74	23,162	37	8,570	13 45	4,210	4,360	
McDonough.....	*550	150	82,500	27	22,275	22 35	12,292	9 9 9	
McHenry.....	1,994	158	315,052	33	119,700	19 85	39,681	80,039	
McLean.....	2,037	100	203,700	47	95,739	23 90	48,674	47,055	
Menard.....	575	112	64,400	30	19,320	24 00	13,800	5,520	
Merced.....	1,101	118	129,918	20	25,984	20 50	22,570	3,414	
Monroe.....	1,122	100	112,200	37	41,514	22 35	25,638	15,876	
Montgomery.....	880	82	72,160	45	32,47	19 05	16,774	15,778	
Morgan.....	*2,463	130	320,450	34	115,362	21 30	52,504	62,858	
Moultrie.....	323	100	32,300	32	10,336	22 00	7,106	3,230	
Ogle.....	1,987	83	164,921	38	62,670	20 75	41,230	21,440	
Peoria.....	1,626	125	203,250	30	60,975	26 45	43,008	17,967	
Perry.....	*391	102	39,882	41	16,15	2 80	8,915	7,437	
Piatt.....	500	112	56,000	27	15,120	17 25	8,635	6,495	
Pike.....	718	93	66,774	26	17,331	20 55	14,755	2,600	
Pope.....	*1,334	65	86,710	28	21,279	24 30	32,416	.....	8,137
Pulaski.....	510	92	46,920	43	20,176	19 40	9,894	10,282	
Putnam.....	217	95	20,615	41	9,277	10 75	2,333	6,941	
Randolph.....	891	111	99,000	42	41,164	36 65	32,655	8,509	
Richland.....	531	57	30,267	50	15,233	18 90	10,036	5,197	
Rock Island.....	2,854	135	355,200	23	88,67	22 70	64,786	23,831	
Saline.....	71	100	7,100	25	1,775	16 80	1,193	582	
Sangamon.....	1,269	125	158,625	32	50,760	23 81	30,202	20,558	
Schuyler.....	452	140	63,280	27	17,065	21 55	9,741	7,341	
Scott.....	61	14	8,632	37	3,205	20 55	1,253	1,952	
Shelby.....	989	145	143,405	37	53,060	18 35	18,118	34,91	
Stark.....	474	12	57,354	29	16,63	23 90	9,907	6,720	
St. Clair.....	3,255	68	221,310	37	81,891	25 95	81,167	.....	2,571
Stephenson.....	1,751	92	161,092	34	54,771	22 30	39,047	15,724	
Tazewell.....	1,065	140	149,210	36	53,726	24 00	25,584	28,142	
Union.....	4,091	85	347,735	38	132,131	*20 55	81,070	48,069	
Vermilion.....	1,361	90	122,490	27	33,672	21 35	29,057	4,016	
Wabash.....	151	85	12,835	41	5,262	17 15	2,605	2,657	
Warren.....	944	141	131,694	30	39,508	24 10	21,575	17,933	
Washington.....	939	62	58,212	40	23,287	19 60	18,404	4,883	
Wayne.....	348	62	21,576	37	7,933	19 40	6,751	1,232	
White.....	368	87	32,016	28	8,934	20 65	7,599	1,365	
Whiteside.....	1,588	80	127,040	37	47,005	23 00	36,524	10,481	
Will.....	3,024	97	293,328	34	99,731	20 75	62,748	36,983	
Williamson.....	298	80	23,840	45	10,728	19 0	5,811	4,917	
Winnebago.....	1,559	70	108,500	36	39,050	19 90	39,845	8,215	
Woodford.....	960	60	57,600	30	17,280	19 85	19,056	.....	1,776
Total or ave...	125,893	94	11,806,082	\$0 35	\$4,093,956	\$21 00	\$2,642,399	\$1,495,129	\$43,572

\* Estimated.



## SWEET POTATOES, TURNIPS, ETC.

Counties.	SWEET POTATOES.					TURNIPS AND OTHER ROOT CROPS.			TURNIPS.
	Acreage 1884 returned by assessors....	Yield per acre in bushels....	Total yield in bushels .....	Price per bush.	Value of 1884 crop.....	Value of 1883 crop returned by assessors.	Value of 1884 crop compared with 1883.....	Value of 1884 crop.....	Av. yield per acre in bush.
Adams.....	295	162	47,790	\$0 75	\$35,842	\$865	85	\$735	.....
Alexander.....	6	70	420	45	189	18,355	102	18,722	175
Bond.....	15	25	375	67	251	905	100	905	50
Boone.....	.....	.....	.....	.....	.....	151,575	100	151,575	.....
Brown.....	3	*94	282	87	245	724	100	724	150
Bureau.....	115	*94	10,810	68	7,351	104	*92	96	.....
Calhoun.....	.....	300	.....	50	.....	.....	25	.....	.....
Carroll.....	1	*94	94	1 00	94	750	100	750	300
Cass.....	4	95	389	72	274	312	77	240	20
Champaign.....	6	100	600	1 00	600	70	80	56	50
Christian.....	21	87	1,827	79	1,443	2,882	97	2,795	.....
Clark.....	5	55	275	55	151	72	93	67	75
Clay.....	13	150	1,950	75	1,462	1,077	100	1,077	300
Clinton.....	3	95	285	87	248	2,904	60	1,742	115
Coles.....	8	75	600	1 17	702	295	95	274	100
Cook.....	.....	.....	.....	.....	.....	17,275	113	19,521	120
Crawford.....	8	83	664	72	478	106	68	72	64
Cumberland.....	2	100	200	87	174	174	70	122	.....
DeKalb.....	.....	.....	.....	.....	.....	550	100	550	100
DeWitt.....	.....	80	.....	1 00	.....	81	100	81	30
Douglas.....	.....	100	.....	75	.....	55	100	55	100
DuPage.....	.....	.....	.....	.....	.....	1,270	87	1,105	.....
Edgar.....	7	100	700	1 25	875	1,087	90	978	.....
Edwards.....	1	*94	94	75	70	.....	100	.....	.....
Effingham.....	2	150	300	75	225	280	75	210	200
Fayette.....	10	62	620	87	539	812	97	788	50
Ford.....	.....	.....	.....	.....	.....	.....	100	.....	.....
Franklin.....	.....	75	.....	50	.....	.....	105	.....	75
Fulton.....	15	80	1,200	92	1,104	735	110	808	175
Gallatin.....	120	110	13,200	57	7,524	.....	87	.....	50
Greene.....	12	40	480	75	360	2,904	95	2,759	54
Grundy.....	1	125	125	90	112	400	*92	368	.....
Hamilton.....	23	85	1,955	56	1,095	243	105	255	67
Hancock.....	48	130	6,240	50	3,120	1,278	100	1,278	150
Hardin.....	.....	40	.....	50	.....	.....	75	.....	35
Henderson.....	*18	115	2,070	47	937	*1,651	*92	1,519	150
Henry.....	1	125	125	1 45	181	1,421	96	1,364	120
Iroquois.....	4	89	356	75	267	1,501	98	1,471	150
Jackson.....	143	67	9,581	50	4,790	365	100	365	.....
Jasper.....	6	100	600	60	360	35,223	68	23,952	125
Jefferson.....	19	150	2,850	57	1,624	973	75	730	85
Jersey.....	*8	153	1,224	87	1,065	*886	90	797	175
Jo Daviess.....	.....	100	.....	.....	.....	1,309	100	1,309	100
Johnson.....	134	75	10,050	56	5,628	546	76	415	75
Kane.....	.....	.....	.....	.....	.....	1,635	96	1,570	77
Kankakee.....	.....	.....	.....	.....	.....	356	107	381	.....
Kendall.....	.....	.....	.....	2 00	.....	125	102	127	200
Knox.....	5	100	500	80	400	119	100	119	.....
Lake.....	.....	.....	.....	.....	.....	4,110	82	3,370	225
LaSalle.....	1	60	60	97	58	331	100	331	200
Lawrence.....	33	62	2,046	70	1,432	12	95	11	97
Lee.....	*11	*94	1,034	*80	827	.....	90	.....	.....
Livingston.....	1	87	87	1 50	130	116,469	62	72,211	75

## SWEET POTATOES, TURNIPS, ETC.—Continued.

Counties.	SWEET POTATOES.					TURNIPS AND OTHER ROOT CROPS.			TUR- NIPS.
	Acreage returned by assessors 1884	Yield per acre in bushels....	Total yield in bushels .....	Price per bush.	Value of crop..... 1884	Value of crop returned by assessors..	Value of crop compar'd with 1883.....	Value of crop..... 1884	Av. yield per acre in bush..
Logan.....	74	*94	6,956	\$0 87	\$6,052	\$170	100	\$170	40
Macon.....	12	*94	1,128	92	1,038	457	100	457	.....
Macoupin.....	85	*94	658	1 25	822	200	110	220	150
Madison.....	85	35	2,975	82	2,439	940	87	819	.....
Marion.....	6	80	480	75	360	608	40	243	.....
Marshall.....	*5	75	375	1 00	375	.....	100	.....	60
Mason.....	*23	100	2,300	75	1,725	.....	81	.....	.....
Massac.....	18	122	2,196	48	1,054	681	107	729	62
McDonough.....	*2	100	200	87	274	*3,161	110	3,477	200
McHenry.....	.....	100	.....	1 00	.....	1,259	100	1,259	400
McLean.....	15	*94	1,410	75	1,057	3,737	95	3,550	100
Menard.....	50	150	7,500	82	6,150	.....	95	.....	200
Mercer.....	16	*94	1,504	1 00	1,504	.....	100	.....	.....
Monroe.....	.....	120	.....	60	.....	.....	100	.....	200
Montgomery.....	7	*94	658	93	612	171,251	100	171,251	50
Morgan.....	*110	112	12,320	67	8,254	*4,000	92	3,680	.....
Moultrie.....	1	*94	94	87	82	52	100	52	150
Ogle.....	6	50	300	1 00	300	1,081	100	1,081	.....
Peoria.....	4	75	300	1 00	300	1,885	80	1,508	.....
Perry.....	*19	102	1,938	62	1,201	*4,681	97	4,540	25
Piatt.....	.....	75	.....	75	.....	300	100	300	112
Pike.....	50	*94	4,700	*80	3,760	182	100	182	100
Pope.....	*1	*94	94	50	47	.....	40	.....	.....
Pulaski.....	296	133	39,368	47	18,503	400	100	400	92
Putnam.....	.....	.....	.....	1 00	.....	.....	100	.....	100
Randolph.....	30	65	1,950	67	1,306	900	110	990	125
Richland.....	1	95	95	78	7,410	120	112	134	100
Rock Island.....	.....	.....	.....	20	.....	2,436	50	1,218	.....
Saline.....	9	60	540	75	405	80	100	80	40
Sangamon.....	21	*94	1,974	80	1,579	2,352	72	1,693	.....
Schuyler.....	8	*94	752	65	489	875	90	787	170
Scott.....	.....	100	.....	73	.....	.....	90	.....	100
Shelby.....	6	147	882	89	785	187	105	195	162
Stark.....	4	25	100	77	77	25	100	25	50
St. Clair.....	12	62	744	1 14	848	2,050	82	1,681	100
Stephenson.....	3	*94	282	*80	220	151	100	151	.....
Tazewell.....	178	125	22,250	70	15,575	.....	97	.....	.....
Union.....	327	75	24,525	40	9,810	2,170	108	2,344	100
Vermilion.....	1	*94	94	1 00	94	247,211	97	239,795	.....
Wabash.....	.....	85	.....	82	.....	24	87	21	78
Warren.....	3	*94	282	1 35	381	143	100	142	.....
Washington.....	20	72	1,440	67	965	750	92	690	50
Wayne.....	5	80	400	73	292	209	90	188	33
White.....	50	77	3,850	68	2,618	176	97	167	137
Whiteside.....	1	75	75	87	65	862	110	984	75
Will.....	.....	75	.....	.....	.....	4,390	93	4,083	.....
Williamson.....	67	98	6,566	47	3,086	1,704	74	1,261	95
Winnebago.....	.....	.....	.....	.....	.....	2,340	93	2,176	85
Woodford.....	.....	50	.....	1 00	.....	.....	95	.....	.....
Total or av.	2,681	103	276,304	\$0 67	\$184,077	\$839,371	92	\$771,438	11

\*Estimated.

## BUCKWHEAT AND BROOM-CORN.

COUNTIES.	BUCKWHEAT.					BROOM-CORN.				
	Average 1884, re- turned by as- sessors	Average yield per acre in bushels	Total yield in bushels.	Price per bushel	Value of crop	Average 1884, re- turned by as- sessors	Average yield per acre in tons...	Total yield in tons.	Price per ton	Value of crop
Adams	22	10	220	\$0 75	\$165	4	* $\frac{1}{2}$	2	*\$76	\$152
Alexander										
Bond	8	5	40	*68	27	41	1-20	2	60	120
Boone	116	20	2,320	60	1,392	140	$\frac{3}{8}$	52	100	5,200
Brown	14	*16	224	*68	152		$\frac{3}{8}$		90	
Bureau	13	*16	208	1 00	208	12	* $\frac{1}{2}$	6	*76	456
Calhoun										
Carroll	132	10	1,320	60	792	5	* $\frac{1}{2}$	2	*76	152
Cass	3	*16	48	1 50	72					
Champaign	6	10	60	75	45	1,440	$\frac{3}{8}$	536	50	26,800
Christian	24	*16	384	*68	261	15	* $\frac{1}{2}$	7	*76	532
Clark	285	12	3,420	47	1,607	41	1 $\frac{1}{4}$	51	80	4,080
Clay	33	12	396	1 00	396					
Clinton	4	*16	64	*68	43					
Coles	3	13	39	62	24	9,162	$\frac{3}{8}$	3,436	80	274,880
Cook	20	12	240	*68	163					
Crawford	140	20	2,800	70	1,960		$\frac{3}{4}$		80	
Cumberland	41	20	820	50	410	430	$\frac{3}{8}$	376	62	23,312
DeKalb	172	15	2,580	50	1,290					
DeWitt	2	*16	32	*68	22	34	* $\frac{1}{2}$	17	*76	1,292
Douglas	69	10	690	1 25	862	6,131	$\frac{3}{8}$	766	40	30,640
DuPage	10	22	220	40	88					
Edgar	1	*16	16	*6	11	689	$\frac{3}{8}$	86	70	6,020
Edwards										
Effingham	16	*16	256	50	128					
Fayette	38	10	380	*68	258					
Ford	4	10	50	40	16	50	* $\frac{1}{2}$	25	*76	1,900
Franklin										
Fulton	47	30	1,410	65	916					
Gallatin										
Greene	9	*16	144	70	101					
Grundy	39	20	780	*68	530					
Hamilton	4	11	44	75	33					
Hancock	208	20	4,160	55	2,288	23	* $\frac{1}{2}$	11	*76	836
Hardin										
Henderson	*10	12	120	80	96					
Henry	12	12	144	61	85	4,122	$\frac{3}{8}$	1,546	80	123,680
Iroquois	105	37	3,885	75	2,914	35	* $\frac{1}{2}$	17	*76	1,292
Jackson	9	*16	144	*68	98					
Jasper	14	12	168	62	104	219	$\frac{3}{8}$	82	80	6,560
Jefferson		10		75		6	* $\frac{1}{2}$	3	*76	228
Jersey				70						
JoDavies	55	12	660	78	515					
Johnson										
Kane	66	21	1,386	87	1,206					
Kankakee	13	12	1,476	67	989	25	$\frac{1}{4}$	6	280	1,680
Kendall	18	14	252	67	196					
Knox	6	20	120	*68	82	864	* $\frac{1}{2}$	432	*76	32,832
Lake	36	19	684	57	390					
LaSalle	68	20	1,360	55	748	4	* $\frac{1}{2}$	2	*76	152
Lawrence	74	13	952	52	500	11	* $\frac{1}{2}$	5	*76	380
Lee	*21	11	231	67	155					
Livingston	47	11	517	75	388	41	* $\frac{1}{2}$	20	*76	1,520



BUCKWHEAT AND BROOM-CORN—*Continued.*

COUNTIES.	BUCKWHEAT.					BROOM-CORN.				
	Average 1884, re- turned by as- sessors .....	Average yield per acre in bushels	Total yield in bushels .....	Price per bushel	Value of crop ...	Average 1884, re- turned by as- sessors .....	Average yield per acre in tons.....	Total yield in tons.....	Price per ton....	Value of crop ...
Logan .....				\$0 50		5	$\frac{1}{2}$	2	\$0 76	\$152
Macon .....				*68	185	57	$\frac{1}{2}$	28	*76	2,128
Macoupin .....	17	*16	272	*68	185	57	$\frac{1}{2}$	28	*76	2,128
Madison .....	3	10	30	75	22				50	
Marion .....	21	*16	336	*68	228	4	$\frac{1}{2}$	2	*76	152
Marshall .....	*100	15	1,500	*68	1,020					
Mason .....	*63	*10	1,008	*68	685					
Massac .....		20		1 00						
McDonough .....	*73	14	1,022	65	664	*25	$\frac{1}{2}$	12	*76	912
McHenry .....	210	23	4,830	74	3,574				40	
McLean .....	18	18	324	60	194	5	$\frac{1}{2}$	2	*76	152
Menard .....	50	30	1,500	50	750					
Mercer .....	111	*16	1,776	*68	1,208	850	$\frac{1}{4}$	212	70	14,840
Monroe .....										
Montgomery .....	12	15	180	60	109	10	$\frac{1}{2}$	5	*76	380
Morgan .....	*20	*16	320	50	160	*35	$\frac{1}{2}$	17	*76	1,292
Moultrie .....	1	15	15	*68	10	330	$\frac{1}{2}$	165	50	8,250
Ogle .....	85	*16	1,360	60	816	2	$\frac{1}{2}$	1	*76	76
Peoria .....	23	22	506	67	339	42	$\frac{1}{2}$	21	*76	1,596
Perry .....										
Piatt .....	8	7	56	*68	38	25	$1\frac{1}{2}$	37	*76	2,812
Pike .....	11	12	123	*68	90	20	$\frac{1}{2}$	10	*76	760
Pope .....										
Pulaski .....						4	$\frac{1}{2}$	2	*76	152
Putnam .....										
Randolph .....	2	*16	32	*68	22				80	
Richland .....	13	5	65	1 00	65	15	$\frac{1}{2}$	7	*76	532
Rock Island .....	49	15	735	*68	500					
Saline .....	4	*16	64	*68	43	8	$\frac{1}{2}$	4	*76	304
Sangamon .....	1	*16	16	*68	11	28	$\frac{1}{2}$	14	*76	1,064
Schuyler .....	32	*16	512	50	256	4	$\frac{1}{2}$	2	60	120
Scott .....		20		75						
Shelby .....	23	11	253	88	223	19	$\frac{1}{2}$	9	*76	684
Stark .....		50		70		26	$\frac{1}{2}$	13	*76	988
St. Clair .....	16	10	160	67	107	2	$\frac{1}{2}$	1	50	50
Stephenson .....	53	15	795	65	517				1 20	
Tazewell .....	18	*16	288	50	144					
Union .....	8	*16	128	1 00	128					
Vermilion .....	35	*16	560	*68	381					
Wabash .....	1	*16	16	*68	11	11	$\frac{1}{2}$	5	*76	380
Warren .....	15	*16	240	*68	163	55	$\frac{1}{2}$	27	40	1,080
Washington .....	3	*16	48	55	26	6	$\frac{1}{2}$	3	40	120
Wayne .....	47	20	940	50	470	6	$\frac{1}{2}$	3	*76	228
White .....	4	*16	64	*68	43	7	$\frac{1}{2}$	3	*76	228
Whiteside .....	152	12	1,824	67	1,222					
Will .....	12	9	108	65	70	30	$\frac{1}{2}$	15	*76	1,140
Williamson .....										
Winnebago .....	61	18	1,098	57	626	8	$\frac{1}{2}$	4	*76	304
Woodford .....	4	*16	64	*68	43					
Total or average .....	3,526	17	58,641	\$0 64	\$37,864	25,173	$\frac{3}{8}$	8,114	\$72	\$585,572

\* Estimated.

## TOBACCO AND CASTOR BEANS.

COUNTIES.	TOBACCO.				CASTOR BEANS.					
	Average 1884, re- turned by as- sessors .....	Average yield per acre .....	Total yield in pounds .....	Price per pound.	Value of crop...	Average yield per acre in bushels by assessors..	Average yield per acre in bushels	Total yield in bushels.....	Price per bushel.	Value of crop....
Adams .....										
Alexander.....				\$						
Bond .....	3	*711	2,133	0 11	\$235	20	*18	360	*1 65	\$*594
Boone .....	1	*711	711	*11	78					
Brown .....	2	*711	1,422	*11	156					
Bureau.....										
Calhoun .....										
Carroll .....	19	*711	13,509	*11	1,486					
Cass .....										
Champaign .....										
Christian .....	1	*711	711	*11	78					
Clark .....	1	1,100	1,100	15	165					
Clay .....	10	*711	7,110	12	853	42	*18	756	*1 65	1,247
Clinton.....	1	1,200	1,200	*11	132	289	*18	5,202	2 00	10,404
Coles .....	7	100	700	15	105					
Cook .....	11	*711	7,821	*11	860					
Crawford .....	111	533	59,163	07	5,141	2	*18	36	*1 65	59
Cumberland .....				03						
DeKalb .....										
DeWitt .....	3	*711	2,133	*11	235					
Douglas.....				25						
DuPage .....										
Edgar .....										
Edwards.....	4	*711	2,844	*11	313					
Effingham .....	383	*711	272,313	*11	7,954					
Fayette .....	13	*711	9,243	*11	1,017					
Ford .....										
Franklin .....	*20	800	16,000	05	800	*10	6	60	1 25	81
Fulton .....										
Gallatin .....										
Greene .....	1	*711	711	*11	78					
Grundy .....										
Hamilton .....	769	900	692,100	05	34,605					
Hancock .....	1	*711	711	*11	78					
Hordin .....		1,000		10						
Henderson .....										
Henry .....	12	*711	86,031	*11	9,463					
Iroquois .....	1	*711	711	*11	78					
Jackson .....	4	*711	2,800	10	284	20	*18	360	*1 65	594
Jasper .....	8	750	6,000	06	360					
Jefferson .....	16	*711	11,376	10	1,133	53	10	530	1 75	927
Jersey .....	*1	*711	711	*11	78					
Jo Daviess.....	688	925	636,400	13	82,732					
Johnson.....	61	433	26,413	06	1,585	21	35	735	1 25	719
Kane .....										
Kankakee.....	26	*711	18,486	*11	2,033	2	*18	36	*1 65	59
Kendall .....										
Knox .....										
Lake .....										
La Salle .....										
Lawrence.....	1	*711	711	*11	78	17	*18	306	*1 65	505
Lee .....	*75	*711	53,325	*11	5,866	*5	*18	70	*1 65	148

## TOBACCO AND CASTOR BEANS—Continued.

COUNTIES.	TOBACCO.					CASTOR BEANS.				
	Acreage 1884, re- turned by as- sors.....	Average yield per acre in pounds	Total yield in pounds.....	Price per pound.	Value of crop....	Acreage 1884, re- turned by assessors...	Average yield per acre in bushels.	Total yield in bushels.....	Price per bushel	Value of crop....
Livingston.....										
Logan.....										
Macon.....										
Macoupin.....	2	*711	1,422	*11	156					
Madison.....	2	*711	1,422	*11	156					
Marion.....	12	700	9,400	10	840	11	*18	198	*1 65	\$327
Marshall.....										
Mason.....										
Massac.....	78	650	50,700	*06	3,042					
McDonough.....	*1	*711	711	*11	78	2	*18	36	*1 65	59
McHenry.....										
McLean.....										
Menard.....										
Mercer.....										
Monroe.....			7,110	*11	782					
Montgomery.....	10	*711	7,110	*11	782	*55	*18	990	*1 65	1,633
Morgan.....	*10	*711								
Moultrie.....										
Ogle.....										
Peoria.....	*2	550	1,100	08	88					
Piatt.....										
Pike.....	61	*711	43,371	*11	4,771					
Pope.....	*1	*711	711	*11	78					
Pulaski.....	30	600	18,000	08	1,440					
Putnam.....										
Randolph.....	5	*711	3,555	30	1,066					
Richland.....	3	*711	2,133	*11	235					
Rock Island.....										
Saline.....	1,110	*711	789,210	*11	86,813	5	*18	90	*1 65	148
Sangamon.....										
Schuyler.....	1	*711	711	20	142	2	*18	36	*1 65	59
Scott.....										
Shelby.....	1	*711	711	*11	78					
Stark.....										
St. Clair.....						47	*18	846	1 60	1,454
Stephenson.....	235	1,000	235,000	11	25,850					
Tazewell.....										
Union.....	16	*711	11,376	*11	1,251					
Vermillion.....	3	*711	2,133	*11	235					
Wabash.....		100		10						
Warren.....										
Washington.....				15		114	15	1,710	1 75	2,992
Wayne.....	40	800	32,000	05	1,600	379	*18	6,822	1 25	8,527
White.....	135	711	95,985	06	5,759	12	8	96	1 65	158
Whiteside.....										
Will.....										
Williamson.....	717	650	466,050	06	37,963					
Winnebago.....				15						
Woodford.....	4	*711	2,844	*11	313					
Total or average....	4,842	767	3,716,408	0 09	\$321,582	1108	17	19,295	\$1 60	\$0,794

\*Estimated.



## BEANS, HUNGARIAN AND MILLET SEED.

Counties.	BEANS.					HUNGARIAN AND MILLET SEED.				
	Average yield per acre in bushels	Average 1884, returned by assessors.	Total yield in bushels	Price per bushel.	Value of crop	Bushels produced 1883 returned by assessors	Bushels produced in 1884 compared with 1883	Bushels produced in 1884	Price per bushel.	Value of product
Adams	21	*13	274	\$2 00	\$5 46	43	*89	38	*\$0 59	\$22
Alexander				1 20						
Bond	15	11	165	1 50	2 47	72	100	72	45	32
Boone	15	*13	195	1 10	2 14	7	75	5	*59	3
Brown	5	*13	65	1 85	120		100			
Bureau	14	*13	185	1 50	273	41	*89	36	80	29
Calhoun				1 25						
Carroll	7	*13	91	1 75	1 59	155	*89	138	*59	81
Cass				1 50						
Champaign	4	15	60	1 25	75	37	100	37	50	18
Christian	9	*13	117	1 50	175	140	*89	125	*59	64
Clark	203	16	3,248	1 15	3,735	5	90	4	60	2
Clay	453	*13	546	1 85	1,010	782	100	782	*59	461
Clinton	8	*13	104	2 50	260	268	100	268	*59	153
Coles	6	12	72	1 50	108	180	100	180	72	130
Cook	20	*13	260	1 35	351	2,775	90	2,497	50	1,248
Crawford	86	10	860	1 40	1,204	10	87	9	*59	5
Cumberland	169	*13	1,417	2 00	2,834	217	*89	193	*59	114
DeKalb	22	*13	266	1 40	400	466	100	466	*59	275
DeWitt	9	*13	117	2 00	234	19	97	18	50	9
Douglas		15		1 25		267	100	267	*59	157
DuPage	2	15	30	1 25	37	421	72	303	40	121
Edgar	14	*13	182	*1 60	291	260	*89	231	*59	136
Edwards				2 00		5,907	*89	5,257	*59	3,102
Effingham	18	12	216	1 65	356					
Fayette	28	5	140	1 25	175	91	100	91	*59	54
Ford	3	*13	39	75	29	34	100	34	30	10
Franklin				1 50			100			
Fulton	13	*13	169	2 50	422					
Gallatin		6		1 35						
Greene	15	*13	195	1 65	322	32	100	32	*59	19
Grundy	10	*13	130	*1 60	208	1,951	70	1,366	30	410
Hamilton	4	19	76	1 60	122		105		37	
Hancock	22	*13	286	*1 60	458	202	100	202	*59	119
Hardin				1 35						
Henderson	*4	*13	52	*1 60	83	*63	50	31	*59	18
Henry	7	10	70	1 75	122	133	100	133	1 00	133
Iroquois	12	10	120	*1 60	192	3,682	81	2,982	60	1,789
Jackson	3	*13	93	*1 60	62					
Jasper	11	10	110	1 50	165				50	
Jefferson		5		1 25		10	100	10	*59	6
Jersey		20		1 10		*4	75	3	60	2
Jo Daviess	11	*13	143	1 50	214	10	*89	9	*59	5
Johnson		10		1 20						
Kane	8	21	168	1 90	319	96	85	82	75	61
Kankakee	4	*13	52	1 25	65		77			
Kendall	1	*13	13	1 50	19	300	37	111	32	35
Knox	7	*13	91	1 50	136	83	*89	74	*50	44
Lake	14	22	308	1 30	400	569	88	501	42	210
LaSalle	81	*13	1,053	1 50	1,579	712	75	534	65	347
Lawrence	76	9	684	1 10	752	5	*89	4	30	1
Lee	*5	30	100	1 50	225	*280	90	252	*59	149

## BEANS, HUNGARIAN AND MILLET SEED—Continued.

Counties.	BEANS.					HUNGARIAN AND MILLET SEED.				
	Average yield per acre in bushels	Average yield per acre by assessors	Total yield in bushels	Price per bushel	Value of crop	Bushels produced 1882 returned by assessors	Bushels produced in 1881 compared with 1882	Bushels produced in 1881	Price per bushel	Value of product
Livingston.....	10	*13	130	1 75	227	6,505	100	6,505	\$0 40	\$2,602
Logan.....	1	*13	13	2 00	26					
Macon.....	2	*13	26	*1 60	42	258	*89	230	*59	136
Maconpin.....	2	*13	52	*1 60	83	45	*89	40	*59	24
Madison.....	2	5	10	1 90	19	165	*89	147	35	51
Marion.....	32	*13	416	2 00	832	936	*89	833	*59	491
Marshall.....	*20	15	300	2 75	825	248	100	248	*59	146
Mason.....				1 75					50	
Massac.....		12		1 40			75			
McDonough.....		20		1 75		*134	90	121	1 00	121
McHenry.....	33	25	825	1 15	949	461	83	383	60	230
McLean.....	33	*13	429	*1 60	686	37	*89	33	*59	19
Menard.....		10		1 75			100		45	
Mercer.....	18	*13	234	*1 60	374	6	90	5	80	4
Monroe.....				1 60						
Montgomery.....						181	100	181	*59	107
Morgan.....										
Moultrie.....	11	20	220	1 50	330	40	25	10	75	7
Ogle.....	40	15	600	1 00	600	189	100	189	*59	111
Peoria.....	18	*13	234	*1 60	374	157	25	39	*59	23
Perry.....	*1	*13	13	1 50	19	*75	100	75	70	52
Piatt.....		3		1 05		160	87	139	50	69
Pike.....	6	15	90	1 50	135	30	100	30	*59	18
Pope.....	*2	*13	26	*1 60	42					
Pulaski.....	69	*13	897	1 95	1,749					
Putnam.....										
Randolph.....	1	*13	13	*1 60	21	104	102	106	95	101
Richland.....	20	5	100	1 60	160	200	75	150	40	60
Rock Island.....	17	*13	221	*1 60	354					
Saline.....			2 00			3	100	3	*59	2
Sangamon.....	2	*13	26	1 50	39					
Schuyler.....	8	20	160	1 50	240	4	100	4	*59	2
Scott.....				2 00						
Shelby.....	8	14	112	1 75	196	153	89	136	1 50	204
Stark.....	2	10		1 65		65	95	62	82	51
St. Clair.....	2	5	10	1 90	19	163	*89	145	37	54
Stephenson.....	8	*13	104	1 30	135	1,521	100	1,521	*59	897
Tazewell.....	2	*13	26	*1 60	42		100			
Union.....	2	*13	26	1 50	39		105			
Vermilion.....	18	*13	234	*1 60	374	652	*89	580	*59	342
Wabash.....	2	10	20	2 00	40					
Warren.....	6	*13	78	*1 60	125		100			
Washington.....	17	*13	221	1 50	331	109	95	103	80	82
Wayne.....	64	11	704	1 50	1,056					
White.....	13	*13	130	2 25	292	48	*89	43	*59	25
Whiteside.....	21	25	525	2 40	1,050	115	100	115	75	86
Will.....	17	12	204	1 35	275	3,932	90	3,539	35	1,239
Williamson.....	62	12	744	1 75	1,302					
Winnebago.....	61	9	549	1 60	878	407	100	407	60	244
Woodford.....	3	*13	39	1 00	39	16	*89	14	*59	8
Total or average.....	1621	13	21,335	\$1 55	\$33,017	37,448	89	33,513	\$0 51	\$17,187

\*Estimated.

## TIMOTHY AND CLOVER SEED.

COUNTIES.	TIMOTHY SEED.					CLOVER SEED.				
	Bushels produced by assessors..	Bushels produced 1884 with 1883.....	Bushels produced 1884.....	Price per bushel	Value of product	Bushels produced 1883 returned by assessors..	Bushels produced 1884 compared with 1883.....	Bushels produced 1884.....	Price per bushel	Value of product
Adams.....	1,133	95	1,076	\$1 60	\$1,722	5,856	92	5,387	\$4 50	\$24,241
Alexander.....		100		1 80			95		5 00	
Bond.....	197	87	171	1 35	231	4	70	3	4 50	13
Boone.....	3,184	98	3,120	1 15	3,588	2,304	85	1,958	4 15	8,126
Brown.....	1,237	100	1,237	1 35	1,670	808	87	703	4 50	3,163
Bureau.....	7,311	90	6,580	1 35	8,883	742	75	556	4 00	2,224
Calhoun.....		100		1 85		89	125	111	4 85	538
Carroll.....	2,492	94	2,342	1 30	3,045	1,222	80	978	4 85	4,743
Cass.....	104	100	104	1 60	166		100		4 50	
Champaign.....	6,734	100	6,734	1 25	8,417	416	100	416	4 00	1,664
Christian.....	5,675	82	4,653	1 15	5,351	148	82	121	4 25	514
Clark.....	1,488	92	1,369	1 35	1,848	1,401	102	1,429	4 00	5,716
Clay.....	4,038	102	4,119	2 40	9,886	117	106	124	4 00	496
Clinton.....	27	90	24	2 60	62	431	105	452	*4 55	2,057
Coles.....	1,184	110	1,302	1 60	2,083	540	107	578	5 25	3,034
Cook.....	993	90	894	1 20	1,073	81	40	34	4 25	144
Crawford.....	750	91	682	1 55	1,057	961	76	730	4 80	3,504
Cumberland.....	1,552	75	1,164	1 10	1,280	84	120	58	5 00	290
DeKalb.....	26,930	95	25,583	1 05	26,862	1,995	92	1,835	4 00	7,340
DeWitt.....	2,898	104	3,014	1 35	4,069	338	101	341	4 35	1,483
Douglas.....	7,928	57	4,519	1 25	5,649	101	85	86	4 75	408
DuPage.....	1,014	45	456	1 20	547	330	62	205	4 35	892
Edgar.....	7,337	100	7,337	*1 40	10,272	672	103	692	*4 55	3,147
Edwards.....	2,475	100	2,475	1 50	3,712	5,053	50	2,526	4 50	11,367
Effingham.....	2,979	97	2,890	1 10	3,179		50		5 00	
Fayette.....	1,060	83	880	1 10	968	380	88	334	4 25	1,419
Ford.....	9,437	87	8,210	1 10	9,031	838	*91	762	4 00	3,048
Franklin.....	*40	100	40	1 25	50		77		4 35	
Fulton.....	3,947	95	3,750	1 15	4,312	15,005	92	13,805	4 35	60,052
Gallatin.....	760	*92	699	*1 40	979	890	100	890	4 60	4,094
Greene.....	1,093	112	1,224	1 70	2,081	1,237	101	1,219	4 60	5,745
Grundy.....	10,701	82	8,775	1 00	8,775	141	*91	128	*4 55	582
Hamilton.....	63	102	64	1 70	109		112		4 90	
Hancock.....	4,220	108	4,515	1 25	5,644	1,498	92	1,378	*4 55	6,270
Hardin.....				1 50					5 00	
Henderson.....	*206	60	124	1 10	136	*25	*91	23	4 50	103
Henry.....	3,383	85	2,875	1 40	4,025	1,315	60	789	5 15	4,063
Iroquois.....	15,637	88	13,760	1 40	19,264	224	100	224	5 00	1,120
Jackson.....	425	100	425	1 80	765	3,113	102	3,175	4 15	13,176
Jasper.....	243	72	175	1 15	201	70	75	52	4 75	247
Jefferson.....	709	100	709	1 35	957	32	100	32	5 00	160
Jersey.....	*12	110	13	1 85	24	*18	102	18	5 05	91
JoDaviess.....	3,014	92	2,773	1 35	3,843	1,519	50	759	4 75	3,605
Johnson.....	25	50	12	1 25	15	3,236	102	3,301	3 95	13,039
Kane.....	6,256	74	4,629	1 15	5,323	443	57	252	4 50	1,154
Kankakee.....	1,350	86	1,161	1 15	1,335	1,772	82	1,453	4 30	6,248
Kendall.....	21,697	63	13,886	1 00	13,886	1,058	72	762	4 45	3,391
Knox.....	3,669	87	3,192	1 25	3,990	2,213	90	1,991	4 00	7,964
LaSalle.....	2,450	83	2,033	1 20	2,440	545	83	452	4 50	2,034
Lake.....	28,258	80	22,606	1 60	42,951	1,792	100	1,792	4 60	8,243
Lawrence.....	715	87	622	1 10	684	7,040	92	6,477	4 25	27,527
Lee.....	*41,000	100	41,000	1 25	51,250	*9,000	95	8,550	4 50	38,475



## TIMOTHY AND CLOVER SEED—Continued.

COUNTIES.	TIMOTHY SEED.					CLOVER SEED.				
	Bushels prod'd 1883 returned by assessors..	Bushels prod'd 1884 compared with 1883.....	Bushels produced 1884.....	Price per bushel	Value of product	Bushels prod'd 1883 returned by assessors..	Bushels prod'd 1884 compared with 1883.....	Bushels produced 1884.....	Price per bushel	Value of product
Livingston.....	25,730	41	10,549	\$1 15	\$12,131	908	87	790	\$2 75	\$2,172
Logan.....	367	100	367	1 75	642				4 65	
Macon.....	2,031	92	1,868	1 35	2,522	768	105	806	4 75	3,828
Macoupin.....	2,036	100	2,036	1 25	2,545	2,231	100	2,231	*4 55	10,151
Madison.....	79	100	79	1 85	146	926	125	1,157	5 50	6,363
Marion.....	2,568	*92	2,362	*1 40	3,307	107	*91	97	*4 55	441
Marshall.....	*1,463	82	1,200	1 15	1,380	*810	80	648	4 60	2,981
Mason.....		125		1 00			125		4 00	
Massac.....		100		1 70		81	117	95	4 50	427
McDonough.....	*2,309	100	2,309	1 25	2,886	*605	100	605	4 00	2,420
McHenry.....	4,969	96	4,770	1 15	5,485	2,751	94	2,586	4 90	12,671
McLean.....	5,779	87	5,028	1 40	7,039	3,214	77	2,475	4 65	11,509
Menard.....	450	100	450	1 25	562	125	100	125	4 50	562
Mercer.....	3,912	83	3,247	1 75	5,682	635	50	317	5 25	1,664
Monroe.....	2,146	*92	1,974	1 60	3,158	27	70	19	4 35	83
Montgomery.....	864	100	864	1 85	1,598	142	108	153	5 00	765
Morgan.....	*1,563	100	1,563	2 00	3,126	*164	87	143	7 00	1,001
Moultrie.....	636	75	477	1 25	596	220	100	220	5 00	1,100
Ogle.....	26,509	103	27,304	1 10	30,034	4,318	98	4,232	4 25	17,986
Peoria.....	2,182	93	2,029	1 25	2,536	3,088	62	1,914	4 65	8,900
Perry.....	*391	92	360	1 55	558		147		4 00	
Piatt.....	1,425	90	1,282	80	1,026	804	100	104	3 50	364
Pike.....	339	100	339	1 75	593	1,804	100	1,804	5 00	9,020
Pope.....	*12	*92	11	*1 40	15				*4 55	
Pulaski.....		100		1 70		643	92	591	5 00	2,955
Putnam.....	390	110	429	1 20	515	312	45	140	4 65	652
Randolph.....	226	100	226	1 35	305	2,116	110	2,328	5 00	11,640
Richland.....	22,742	110	25,016	1 25	31,270	2,540	105	2,667	3 00	8,001
Rock Island.....	471	80	377	1 70	641	357	5	196	5 50	1,078
Saline.....	21	100	21	1 75	37	2,838	70	1,987	4 50	8,941
Sangamon.....	4,243	63	2,673	1 20	3,208	46	125	70	*4 55	318
Schuyler.....	3,103	102	3,165	1 05	3,323	8,488	90	7,639	4 35	33,230
Scott.....	12	100	12	2 00	24				5 50	
Shelby.....	2,192	99	2,170	1 40	3,058	223	110	245	5 35	1,311
Stark.....	738	94	694	1 65	1,145	324	90	292	4 25	1,241
St. Clair.....	70	105	75	1 45	106	1,985	107	2,124	4 70	9,983
Stephenson.....	1,514	87	1,317	1 15	1,514	4,168	75	3,126	4 20	13,129
Tazewell.....	2,732	100	2,732	1 00	2,732	3,448	103	3,551	4 60	16,835
Union.....	10	100	10	*1 40	14	1,113	107	1,191	4 35	5,181
Vermilion.....	8,591	92	7,904	1 15	9,090	1,000	120	1,200	4 00	4,800
Wabash.....	216	100	216	1 85	292	5,684	60	3,410	4 15	14,151
Warren.....	1,389	110	1,528	1 50	2,292	337	90	*303	5 00	1,515
Washington.....	45	105	47	1 85	87	57	110	63	5 50	346
Wayne.....	35,128	92	32,318	1 75	56,556	459	100	459	4 00	1,836
White.....	89	100	89	1 65	147	6,686	75	5,014	4 30	21,560
Whiteside.....	8,232	100	8,232	1 05	8,644	941	90	847	4 00	3,388
Will.....	3,506	83	2,910	1 40	4,074	4,231	110	4,654	5 00	23,270
Williamson.....	33	100	33	2 50	82	4,512	61	2,752	4 00	11,008
Winnebago.....	1,433	102	1,462	1 35	1,974	1,705	82	1,398	4 30	6,011
Woodford.....	5,197	95	4,937	1 25	6,171	4,401	95	4,181	4 00	16,724
Total or average..	440,203	88	389,056	\$1 30	\$512,438	153,715	88	138,920	\$4 40	\$609,945

\* Estimated.

## GRAPES AND WINE.

COUNTIES.	GRAPES.					WINE.				
	Pounds produced 1884, compared with 1883.....	Pounds produced, 1884.....	Pounds produced, 1884.....	Price per pound..	Value of product.	Gallons produced 1883, returned by assessors.....	Gallons produced 1884, compared with 1883.....	Gallons produced 1884.....	Price per gallon..	Value of product.
Adams.....	3,060	80	2,448	\$0 03	\$73					
Alexander.....	30	77	23	05	1					
Bond.....	350	32	112	05	6	160	60	96	\$0 50	\$48
Boone.....		50		08						
Brown.....	280	50	140	03	4					
Bureau.....	13,075	27	3,530	08	282	1,185	*83	983	\$1 30	1,278
Calhoun.....	2,000	*69	1,380	*05	69					
Carroll.....	3,975	50	1,987	*05	99	235	*83	195	*1 30	253
Cass.....	35	63	22	05	1	75	*83	62	1 00	62
Champaign.....	1,007	75	755	04	30					
Christian.....	300	51	153	06	9					
Clark.....	260	77	200	05	10					
Clay.....	7,175	87	6,242	04	250					
Clinton.....	9,075	10	907	05	45	1,008	45	454	75	340
Coles.....	1,010	98	990	05	49					
Cook.....	24,200	120	29,040	*05	1,452	210	*83	174	*1 30	226
Crawford.....	900	81	729	04	29	3	72	2	*1 30	3
Cumberland.....	368	*69	254	*05	13					
DeKalb.....	1,600	*92	1,472	*05	74					
DeWitt.....	300	62	186	06	11					
Douglas.....		50		06						
DuPage.....	14,100	78	10,998	04	440					
Edgar.....	2,200	77	1,694	05	85					
Edwards.....	2,850	80	2,280	03	68	10	*83	8	*1 30	10
Effingham.....	1,914	75	1,435	03	43	12	100	12	1 25	15
Fayette.....	2,420	57	1,379	04	55					
Ford.....	1,200	22	264	04	10					
Franklin.....		75		03						
Fulton.....	370	85	314	04	12	247	*83	205	1 50	307
Gallatin.....		110		01						
Greene.....	610	49	299	06	18					
Grundy.....		45		05						
Hamilton.....		95		05						
Hancock.....		123		04						
Hardin.....				05						
Henderson.....	*10,150	60	6,090	06	365	*720	*83	598	*1 30	777
Henry.....	5,418	62	3,359	04	134	10	100	10	2 50	25
Iroquois.....	28,397	69	19,594	05	980	162	83	134	*1 30	174
Jackson.....	4,500	82	3,690	03	111	65	*83	54	*1 30	70
Jasper.....	1,524	50	762	04	30	40	47	19	2 00	38
Jefferson.....	3,330	45	1,498	05	75	357	100	357	*1 30	464
Jersey.....	*30,828	53	16,339	05	817	*1,935	*83	1,606	*1 50	2,409
JoDavies.....	13,085	97	12,692	05	635	3,503	*83	2,907	*1 30	3,779
Johnson.....		62		*05						
Kane.....	1,230	71	873	05	44	20	100	20	*1 30	26
Kankakee.....	4,825	86	4,149	05	207	100	95	95	*1 30	123
Kendall.....	700	36	252	05	13					
Knox.....	150	*69	103	05	5					
Lake.....	2,765	72	1,991	04	80	56	100	56	*1 30	73
LaSalle.....	7,100	59	4,189	05	209	91	100	91	3 00	273
Lawrence.....	7,728	85	6,569	04	263	65	*83	54	*1 30	70
Lee.....	*80,000	100	80,000	*05	4,000					

## GRAPES AND WINE.—Continued.

COUNTIES.	GRAPES.					WINE.				
	Pounds produced 1883, returned by assessors .....	Pounds produced 1881, compared with 1883 .....	Pound produced, 1884 .....	Price per pound..	Value of product.	Gallons produced 1883, returned by assessors .....	Gallons produced 1881, compared with 1883 .....	Gallons produced 1884 .....	Price per gallon..	Value of product.
Livingston .....	10,134	18	1,824	05	91	1,904	*83	1,580	*\$1 30	\$2,054
Logan .....	2,775	75	2,081	04	83					
Macon .....	5,335	95	5,068	06	304	*1,337	*83	1,110	*1 30	1,443
Macoupin .....	1,002	50	501	*05	25					
Madison .....	16,590	85	14,101	04	564	4,050	90	3,645	65	2,369
Marion .....	1,500	41	615	*05	31					
Marshall .....	*1,300	83	1,079	06	65					
Mason .....		53		04						
Massac .....		67		03						
McDonough .....	*11,335	25	2,834	03	85	*160	100	160	1 50	240
McHenry .....	3,950	66	2,607	05	130	2,910	100	2,910	1 25	3,637
McLean .....	2,221	70	1,555	05	78	157	*83	130	*1 30	169
Menard .....	11,900	50	5,950	04	238					
Mercer .....	3,070	57	1,750	05	87	200	100	200	*1 30	260
Monroe .....	7,510	65	4,881	05	244	4,961	40	1,984	1 25	2,480
Montgomery .....	311	59	183	04	7	22	100	22	*1 30	29
Morgan .....	*18,149	75	13,612	04	544	*1,500	50	750	1 00	750
Moultrie .....	200	40	80	*05	4					
Ogle .....	11,480	78	8,954	06	537	10,709	*83	8,888	*1 30	11,554
Peoria .....	7,900	70	5,530	07	387	940	*83	780	*1 30	1,014
Perry .....		84		05		*2,530	50	1,265	1 00	1,265
Piatt .....	960	105	1,608	06	60	50	100	50	*1 30	65
Pike .....		83		05		4	75	3	*1 30	4
Pope .....				*05						
Pulaski .....	50,000	122	61,000	05	3,050					
Putnam .....		67		04		160	*83	133	*1 30	173
Randolph .....	22,935	57	13,073	06	781	850	90	765	80	612
Richland .....	4,945	75	3,709	04	148					
Rock Island .....	22,700	50	11,350	05	567	1,580	50	790	1 50	1,185
Saline .....	409	*69	282	*05	14					
Sangamon .....	2,150	84	1,806	10	181	590	*83	490	*1 30	637
Schuyler .....	1,200	65	780	04	31					
Scott .....		67		04						
Shelby .....	10	95	9	06	1	140	110	154	85	131
Stark .....	350	82	287	07	20					
St. Clair .....	65,324	70	45,727	04	1,829	11,269	50	5,634	60	3,662
Stephenson .....	150	125	187	05	9	70	*83	58	*1 30	75
Tazewell .....	715	69	493	05	25	149	*83	124	1 00	124
Union .....		67		14			25			
Vermilion .....	1,898	80	1,518	05	76					
Wabash .....	800	72	576	05	29					
Warren .....		59		07		1,003	*83	832	*1 30	1,082
Washington .....	270	92	248	04	10	30	100	30	75	22
Wayne .....	900	112	1,098	05	50					
White .....	5,299	105	5,564	04	222	125	*83	104	*1 30	135
Whiteside .....	660	10	66	08	5	2	*83	2	*1 30	3
Will .....	11,875	67	7,956	06	477	940	75	799	75	599
Williamson .....	265	22	58	*05	3	1,000	*83	830	*1 30	1,079
Winnebago .....	2,475	57	1,411	08	113					
Woodford .....	4,310	100	4,310	02	86	700	100	700	*1 30	910
Total or average.	613,657	76	467,014	\$0 05	\$22,500	60,111	72	43,114	\$1 15	\$48,605

\* Estimated.



## APPLES AND PEACHES.

COUNTIES.	APPLES.				PEACHES.					
	Bushels produced in 1883, returned by assessors....	Bushels produced in 1884, compared with 1883.....	Bushels produced in 1884.....	Price per bushel.	Value of product.	Bushels produced in 1883, returned by assessors....	Bushels produced in 1884, compared with 1883.....	Bushels produced in 1884.....	Price per bushel.	Value of product.
Adams.....	86,884	75	65,163	\$0 40	\$26,065	10	†68	7	†\$1 80	\$13
Alexander.....	4,000	45	1,800	1 00	1,800	20	†68	14	†1 80	25
Bond.....	119,851	77	92,285	36	33,223	.....	20	.....	.....	.....
Boone.....	3,068	125	3,835	55	2,109	.....	.....	.....	.....	.....
Brown.....	33,154	87	28,844	40	11,538	50	†68	34	†1 80	61
Bureau.....	58,072	105	60,976	75	45,732	.....	.....	.....	.....	.....
Calhoun.....	106,905	65	69,488	28	19,454	.....	.....	.....	.....	.....
Carroll.....	6,362	112	7,125	1 25	8,906	.....	.....	.....	.....	.....
Cass.....	18,925	74	14,004	66	9,243	10	†68	7	†1 80	13
Champaign.....	135,476	120	162,571	1 00	162,571	20	†68	14	†1 80	25
Christian.....	129,198	42	54,263	64	34,728	180	†68	122	†1 80	220
Clark.....	71,971	64	46,061	68	26,715	100	40	40	†1 80	72
Clay.....	103,983	45	46,792	40	18,717	224	†68	152	†1 80	274
Clinton.....	114,229	15	18,134	60	10,280	833	†68	566	2 50	1,415
Coles.....	112,398	67	75,307	63	47,443	.....	.....	.....	2 00	.....
Cook.....	23,809	108	15,714	75	19,185	388	†68	264	†1 80	475
Crawford.....	84,676	47	39,798	80	31,838	489	†68	332	†1 80	598
Cumberland.....	49,052	70	34,336	50	17,168	.....	.....	.....	.....	.....
DeKalb.....	25,741	187	48,136	50	24,068	.....	.....	.....	.....	.....
DeWitt.....	17,346	107	18,560	75	13,920	.....	85	.....	1 50	.....
Douglas.....	122,523	65	79,640	60	47,784	100	†68	68	†1 80	122
DuPage.....	9,821	130	12,767	90	11,490	.....	.....	.....	.....	.....
Edgar.....	94,624	33	31,226	87	27,167	5	†68	3	1 00	3
Edwards.....	53,133	50	26,566	40	10,626	1,374	†68	934	†1 80	1,681
Effingham.....	80,185	53	42,498	50	21,249	768	†68	522	†1 80	940
Fayette.....	149,353	40	59,741	38	22,701	19	†68	13	†1 80	23
Ford.....	18,019	125	22,524	58	13,064	.....	.....	.....	.....	.....
Franklin.....	†8,285	40	3,314	50	1,057	†400	25	100	†1 80	180
Fulton.....	83,972	82	68,858	82	56,463	23	†68	17	†1 80	29
Gallatin.....	165,500	82	135,710	75	101,732	64,000	†68	43,520	†1 80	78,337
Greene.....	52,516	50	26,258	53	13,917	201	†68	137	1 00	137
Grundy.....	38,141	75	28,606	52	14,875	200	†68	236	†1 80	245
Hamilton.....	107,891	36	38,841	59	22,916	11,560	†68	7,861	†1 80	14,150
Hancock.....	96,778	150	145,167	50	72,583	10	100	10	†1 80	18
Hardin.....	1,020	75	765	45	344	230	†68	156	†1 80	281
Henderson.....	†14,525	70	10,167	73	7,422	†377	†68	256	4 00	1,024
Henry.....	39,655	72	28,552	75	21,414	.....	.....	.....	3 00	.....
Iroquois.....	100,339	117	117,397	39	45,785	46	†68	31	†1 80	56
Jackson.....	157,712	47	74,125	70	51,887	17,249	†68	11,729	†1 80	21,112
Jasper.....	62,014	35	21,705	53	12,589	103	25	26	†1 80	47
Jefferson.....	173,431	18	41,217	55	17,169	.....	.....	.....	.....	.....
Jersey.....	†52,237	27	14,104	80	11,283	†1,870	†68	1,272	†1 80	2,290
Jo Daviess.....	10,152	107	10,861	81	9,885	220	†68	150	†1 80	270
Johnson.....	30,050	42	12,621	87	10,980	10,520	†68	7,154	†1 80	12,877
Kane.....	17,634	144	25,393	75	19,045	.....	97	.....	4 00	.....
Kankakee.....	51,353	90	46,218	81	37,436	.....	.....	.....	.....	.....
Kendall.....	19,330	127	24,549	68	16,693	.....	.....	.....	.....	.....
Knox.....	46,735	105	49,072	87	42,693	.....	.....	.....	.....	.....
Lake.....	28,815	210	60,511	45	27,230	.....	100	.....	.....	.....
LaSalle.....	95,609	76	72,663	71	51,591	10	100	10	*1 80	18
Lawrence.....	63,765	63	40,172	92	36,958	969	†68	659	50	329
Lee.....	.....	110	.....	70	.....	.....	90	.....	.....	.....
Livingston.....	111,543	45	50,194	57	28,610	.....	.....	.....	.....	.....

## APPLES AND PEACHES.—Continued.

COUNTIES.	APPLES.					PEACHES.				
	Bushels produced in 1884, returned by assessors ...	Bushels produced in 1884, comp'd with 1883 .....	Bushels produced in 1884 .....	Price per bushel.	Value of product.	Bushels produced in 1884, returned by assessors ...	Bushels produced in 1884, comp'd with 1883 .....	Bushels produced in 1884 .....	Price per bushel.	Value of product.
Logan.....	41,273	75	30,955	\$1 00	\$30,955	45	+68	31	+\$1 80	\$56
Macon.....	121,573	94	114,282	92	105,139					
Macoupin.....	145,330	60	87,198	+68	59,295					
Madison.....	218,402	17	37,128	47	17,450	28,296	+68	19,241	1 00	19,241
Marion.....	214,293	35	75,002	45	33,751	1,945	+68	1,323	+1 80	2,381
Marshall.....		112		62			95			
Mason.....		48		87						
Massac.....	7,311	75	5,483	95	5,209	2,150	20	430	1 00	430
McDonough.....	+29,549	75	22,162	87	19,281	+346	+68	235	+1 80	423
McHenry.....	6,263	157	9,833	48	4,720					
McLean.....	83,297	97	80,798	75	60,598	73	+68	50	+1 80	90
Menard.....		50		58						
Mercer.....	33,772	108	36,474	53	19,331	15	+68	10	+1 80	18
Monroe.....	28,732	37	10,631	70	7,442				1 00	
Montgomery.....	125,630	46	57,790	64	36,986					
Morgan.....	+45,000	70	31,500	67	21,105					
Moultrie.....	46,091	27	12,444	53	6,595	30	+68	20	+1 80	36
Ogle.....	17,599	112	19,711	67	13,206					
Peoria.....	26,773	112	29,997	75	22,498					
Perry.....	+47,805	39	18,644	87	16,120	+1,120	100	1,120	1 50	1,680
Piatt.....	26,022	62	16,134	75	12,100	394	+68	268	+1 80	482
Pike.....	117,382	95	111,513	36	40,145		100			
Pope.....	+53,288	40	21,315	75	15,986	+11,891	+68	8,086	+1 80	14,555
Pulaski.....		93		1 08			1 00		1 50	
Putnam.....	17,134	125	21,417	50	10,708					
Randolph.....	107,555	42	45,173	90	40,656	1,932	5	97	+1 80	175
Richland.....	92,656	27	25,017	58	14,510	146	10	15	1 50	22
Rock Island.....	34,799	89	30,971	89	27,564					
Saline.....	27,486	50	13,743	75	10,307	4,311	+68	2,931	+1 80	5,276
Sangamon.....	117,969	67	79,039	67	52,956	685	1 00	685	+1 80	1,233
Schuyler.....	46,254	160	74,006	50	37,003					
Scott.....	11,216	55	6,169	83	5,120					
Shelby.....	135,164	72	97,318	76	73,062	25	+68	17	+1 80	31
Stark.....	5,833	127	7,408	70	5,186					
St. Clair.....	111,420	32	35,654	77	27,452	268	+68	182	1 00	182
Stephenson.....	4,159	134	5,573	92	5,127					
Tazewell.....	29,881	97	28,984	71	20,579				2 00	
Union.....	88,848	25	22,212	93	20,579	12,557	+68	8,539	+1 80	15,370
Vermilion.....	110,510	95	104,984	57	59,841	216	+68	147	+1 80	265
Wabash.....	34,432	52	17,905	72	12,892	206	+68	140	+1 80	252
Warren.....	29,700	92	27,324	75	20,493	50	75	37	4 00	148
Washington.....	172,704	43	74,263	1 00	74,263	1,118	+68	760	+1 80	1,368
Wayne.....	160,899	92	147,935	50	73,967	8,405	+68	5,715	+1 80	10,287
White.....	50,019	48	24,009	68	16,326	3,270	+68	2,224	+1 80	4,003
Whiteside.....	13,831	25	3,458	87	3,008	20	+68	14	+1 80	25
Will.....	39,574	118	46,697	67	31,287					
Williamson.....	137,527	19	26,130	58	15,155	9,848	+68	6,697	+1 80	12,055
Winnebago.....	5,467	114	6,232	1 00	6,232					
Woodford.....	29,595	95	28,115	80	22,492					
Total or ave.,	6,511,701	64	4,154,925	\$0 65	\$2,687,850	201,940	67	135,329	\$1 70	\$227,443

† Estimated.

## PEARS, OTHER FRUITS AND BERRIES.

COUNTIES.	PEARS.					OTHER FRUITS AND BERRIES.		
	Bushels produced in 1884 compared with 1883.....	Bushels produced in 1884 compared with 1883.....	Bushels produced in 1884.....	Price per bushel..	Value of product..	Value of crop produced in 1883, returned by assessors.....	Value of crop in 1884 compared with 1883.....	Value of 1884 crop.
Adams.....	19	30	6	\$3 00	\$18	\$11,475	75	\$8,606
Alexander.....	2	45	1	1 75	2		100	
Bond.....	33	65	25	*1 50	37	85	97	82
Boone.....						110	100	110
Brown.....	2	50	1	1 35	1	2,418	80	1,934
Bureau.....	15	*59	9	*1 50	13	2,185	*87	1,901
Calhoun.....								
Carroll.....								
Cass.....		70		50			100	
Champaign.....		100		1 00		1,094	100	1,094
Christian.....		40		1 10		87	35	304
Clark.....		62		1 10		18	73	13
Clay.....	20	100	20	*1 50	30	1,556	65	1,011
Clinton.....	44	37	16	1 50	24	30	30	9
Coles.....		62		2 50			81	
Cook.....	70	95	66	*1 50	99	50	100	50
Crawford.....	50	47	23	1 05	24		76	
Cumberland.....		25				390	70	273
DeKalb.....						515	120	618
DeWitt.....		95		2 00		25	104	26
Douglas.....							100	
DuPage.....		100		1 50		355	155	550
Edgar.....	275	87	239	2 00	478	1,292	102	1,818
Edwards.....		75				345	*87	300
Efingham.....		50					58	
Fayette.....	33	73	24	1 00	24	3,645	62	2,260
Ford.....								
Franklin.....		50				*412	50	206
Fulton.....	20	75	15	*1 50	22	2,985	165	3,134
Gallatin.....		100		1 00			80	
Greene.....	100	80	80	1 15	92	1,300	100	1,300
Grundy.....						245	65	159
Hamilton.....		59		65			50	
Hancock.....		110		1 50		1,410	130	1,845
Hardin.....								
Henderson.....						*319	100	319
Henry.....		92		3 00		573	115	659
Iroquois.....	6	100	6	*1 50	9	2,483	100	2,483
Jackson.....	1,403	85	1,192	1 00	1,192	14,862	62	9,214
Jasper.....	4	62	2	75	1		47	
Jefferson.....	48	70	34	1 00	34	2,313	50	1,156
Jersey.....	*40	25	10	*1 50	15	*1,752	70	1,226
JoDavless.....						3,575	87	3,110
Johnson.....		45		1 00		2,773	72	1,997
Kane.....		105				650	92	598
Kankakee.....		100		1 00		348	114	438
Kendall.....						275	105	289
Knox.....						625	100	625
Lake.....	20	110	22	2 00	44	750	119	892
LaSalle.....	66	82	56	*1 50	84	1,935	103	1,993
Lawrence.....	25	70	17	1 00	17	358	95	340
Lee.....								
Livingston.....						9,073	75	6,805



## PEARS, OTHER FRUITS AND BERRIES—Continued.

COUNTIES.	PEARS.					OTHER FRUITS AND BERRIES.		
	Bushels produced in 1883, returned by assessors	Bushels produced in 1881 compared with 1883.	Bushels produced in 1884	Price per bushel	Value of product.	Value of crop produced in 1883, returned by assessors	Value of crop in 1881 compared with 1883.	Value of 1881 crop.
Logan						\$2,120	100	\$2,120
Macon	30	95	28	*1 50	42	1,052	97	1,020
Macoupin	126	90	113	*1 50	169	1 535	70	1,074
Madison	1,502	62	931	1 50	1,396	40,215	100	40,215
Marion	26	*29	15	*1 50	22	14,982	90	13,484
Marshall		80					112	
Mason							65	
Massac	60	27	16	2 00	32	815	50	422
McDonough		75		2 50		*518	87	451
McHenry	2	100	2	2 00	4	1,947	108	2,103
McLean		45				933	85	810
Menard		95		1 35			105	
Mercer						707	158	1,117
Monroe		70		1 50				
Montgomery		62					80	
Morgan		75				*2,500	85	2,125
Moultrie		100				1	80	1
Ogle		100				730	105	766
Peoria						405	110	445
Perry	*77	53	41	1 15	47	*63	80	50
Piatt		100		1 35			95	
Pike		100				120	100	120
Pope	*175	*39	103	*1 50	154			
Pulaski		92		1 25		37,400	105	39,270
Putnam		90		1 50			125	
Randolph	200	70	140	1 50	147	600	87	522
Richland	30	30	9	2 00	18		62	
Rock Island						1,985	95	1,886
Saline	5	75	4	*1 50	6	2	75	1
Sangamon	59	90	45	*1 50	67	2,262	92	2,081
Schuyler		85					95	
Scott		67		1 00			100	
Shelby		97		1 50		155	100	155
Stark						10	125	12
St. Clair	15	71	11	1 35	15	1,378	66	909
Stephenson		100				855	121	1,034
Tazewell	50	105	52	2 50	130	1,216	98	1,230
Union	1,574	43	677	1 50	1,015	86,032	77	66,245
Vermilion	287	77	221	2 00	442	1,597	100	1,597
Wabasa		56		1 50		1,150	69	690
Warren		75		4 00			100	100
Washington	82	67	55	1 00	55	1,700	88	1,496
Wayne	50	80	40	1 00	40	27	62	17
White	26	48	12	75	9	150	67	100
Whiteside	30	5	1	*1 50	1	100	50	50
Wil.		67		1 00		1,705	127	2,165
Williamson	126	30	38	1 50	57	86	56	48
Winnebago		30		3 00		5,255	105	5,549
Woodford		100		1 00		20	100	20
Total	6,823	65	4,418	\$1 40	\$6,128	\$288,087	87	\$250,747

\* Estimated.

## ACRES IN CULTIVATION IN 1884.

Counties.	Corn.	Meadows	Winter wheat.	Spring wheat.	Oats.	Rye	Barley	Buckwheat.
Adams	80,663	35,540	80,159	61	31,854	1,198	5	22
Alexander	6,416	1,135	11,463	17	514	33		
Bond	45,241	12,262	39,570	15	19,619	720		8
Boone	32,066	27,690	615	1,041	28,913	1,965	1,066	116
Brown	29,490	13,428	27,384	20	7,105	651	5	14
Bureau	151,991	57,110	1,103	2,109	62,375	6,688	374	13
Calhoun	15,619	5,803	24,835		2,121			
Carroll	60,950	33,713	2,992	1,497	35,766	47,345	1,680	132
Cass	41,292	3,969	19,916	158	9,400	430	40	3
Champaign	197,343	50,880	35,458	172	76,049	4,043	2	6
Christian	122,114	47,156	69,396	1,746	25,370	361	4	24
Clark	41,600	22,278	36,653	49	15,111	512	1	285
Clay	32,755	23,374	28,728		20,233	262		33
Clinton	51,206	12,360	70,963	2,015	24,254	122		4
Coles	54,222	22,527	26,005	64	14,126	460	8	3
Cook	46,109	99,203	118	1,189	62,155	937	228	20
Crawford	34,287	14,506	36,252	18	7,987	265	80	140
Cumberland	28,349	23,671	28,921		12,310	368		41
DeKalb	104,484	74,150	147	889	61,680	1,917	758	172
DeWitt	79,813	19,915	6,657	110	27,800	1,995		2
Douglas	53,262	26,254	12,026	50	18,829	410	240	69
DuPage	30,630	42,836	200	769	36,088	1,929	75	10
Edgar	90,613	35,889	47,061	41	14,585	440	6	1
Edwards	18,152	11,526	24,637	146	7,876	34	4	
Effingham	42,335	24,151	37,399		31,351	495		16
Fayette	47,679	21,588	47,906	2,663	24,297	452	4	38
Ford	108,411	36,027	497	9	41,745	1,246	23	4
Franklin	*3,487	*940	*5,247	*319	*915	*5		
Fulton	101,351	40,151	37,118	726	34,554	8,087		47
Gallatin	38,000	10,220	41,000		5,642	300		
Greene	51,078	16,141	57,434	53	5,951	194		9
Grundy	78,792	43,179	119	94	37,048	1,366		39
Hamilton	27,438	12,274	21,535		8,264	6		4
Hancock	99,713	49,572	28,550	169	51,331	3,689		208
Hardin	3,708	1,509	2,203		658	23		
Henderson	*64,601	*14,191	*4,154	*397	*21,944	*7,307		*10
Henry	157,404	60,942	1,277	1,734	79,902	7,586	351	12
Iroquois	209,538	83,881	4,432	51	88,613	6,542	65	105
Jackson	19,556	13,583	47,406		6,654	25	77	9
Jasper	35,353	23,130	30,471	10	16,500	528		14
Jefferson	42,848	11,985	61,393		16,417	198		
Jersey	*34,423	*10,354	*53,467	*6	*6,147	*61		
Jo Daviess	51,404	41,507	3,433	2,321	39,244	1,633	463	55
Johnson	12,716	9,496	21,417		2,401	20		
Kane	52,591	58,050	126	411	35,053	2,688	91	66
Kankakee	79,364	61,749	2,432	71	42,409	8,416		123
Kendall	58,065	30,919	78	143	31,917	1,148	15	18
Knox	119,926	48,424	3,353	314	58,672	4,217		6
Lake	23,581	47,064	351	2,289	26,170	496	816	36
LaSalle	192,987	83,259	2,549	1,724	94,115	3,051	394	68
Lawrence	27,421	12,924	37,717	10	6,609	222	89	74
Lee	*140,146	*73,329	*200	*5,200	*56,525	*2,992	*2,116	*21

## ACRES IN CULTIVATION IN 1884—Continued.

Counties.	Corn.	Meadows.	Winter wheat.	Spring wheat.	Oats.	Rye.	Barley.	Buckwheat.
Livingston	233,762	82,876	754	68	110,907	5,135	54	47
Logan	162,177	18,122	32,455	711	36,644	1,627		
Macon	124,176	28,413	29,467	39	40,113	470		
Macoupin	91,316	33,850	99,277		22,818	192		17
Madison	75,922	24,941	116,752		17,873	480		3
Marion	39,301	24,890	39,845	3	23,606	277	2	21
Marshall	*80,000	*8,800	*600	*100	*34,000	*3,000	*100	*100
Mason	*13,675	*2,876	*10,212	*52	*7,315	*3,016	*35	*63
Massac	10,876	4,291	19,002		1,558	41		
McDonough	*76,882	*22,813	*10,212	*627	*34,700	*10,464	*10	*73
McHenry	56,546	59,947	6,29	3,729	39,062	1,368	1,553	210
McLean	237,429	69,147	6,093	144	109,779	9,041	20	18
Menard	72,150	18,550	36,165		11,000	1,150	120	50
Merced	80,749	37,483	481	551	42,353	5,101	10	111
Monroe	16,159	10,126	67,372		7,761	97	68	
Montgomery	103,213	31,706	92,552	5	35,456	592	8	12
Morgan	*18,159	*29,347	*40,748	*800	*11,212	*4,700		*20
Moultrie	45,477	14,093	15,934		15,026	69	24	1
Ogle	116,958	56,094	3,471	1,224	80,138	6,438	4,449	85
Peoria	87,007	33,313	5,725	129	41,718	4,135	7	23
Perry	*12,316	*6,415	*38,484	*7	*10,204	*77	*13	
Piatt	60,706	11,665	11,399	10	18,900	691	8	8
Pike	61,794	20,308	96,457	39	11,453	318		11
Pope	*18,047	*4,704	*21,681	*12	*3,742			
Pulaski	10,457	3,603	9,570		948	81		
Putnam	27,694	7,839	1,001	287	10,170	1,210		
Randolph	24,684	14,570	94,026		17,704	90	28	2
Richland	24,658	21,122	30,595		14,850	212		13
Rock Island	55,825	31,957	230	1,415	23,086	4,480	108	49
Saline	15,557	7,492	15,689	162	3,323	6		4
Sangamon	145,110	36,387	53,796	145	24,809	1,759	51	1
Schuyler	39,686	18,666	33,509	72	10,388	542		32
Scott	12,855	2,449	11,895	16	1,099	95		
Shelby	86,308	41,914	54,947	59	31,867	770	28	23
Stark	59,345	15,243	270	136	26,868	1,731		
St. Clair	44,273	20,836	127,721	5	19,408	91	155	16
Stephenson	78,569	40,008	5,451	3,913	52,288	16,218	10,350	53
Tazewell	104,911	30,600	27,584	265	45,301	2,004	37	18
Union	12,113	8,326	23,122		3,641	88	47	8
Vermilion	134,683	53,913	29,312	35	47,714	2,085	24	35
Wabash	19,162	8,349	27,180		4,602	8	3	1
Warren	97,398	33,635	710	382	43,149	2,435	5	15
Washington	32,425	7,032	93,636	7	31,214	108	28	3
Wayne	35,321	32,726	27,320		15,949	23	2	47
White	38,058	16,738	45,421		7,163	82	100	4
Whiteside	88,796	48,313	501	1,194	41,447	16,156	194	152
Will	115,372	92,411	1,264	491	92,515	2,725	47	12
Williamson	15,860	10,240	22,682	38	3,457	28		
Winnebago	91,857	38,811	1,926	2,169	55,466	9,903	1,973	61
Woodford	100,398	28,183	3,768	254	56,155	2,243	5	4
Total	6,898,819	3,014,140	2,722,763	50,895	2,944,602	259,660	28,923	3,526

\* Estimated.



## ACRES IN CULTIVATION IN 1884.

COUNTIES.	Flax.....	Broom Corn.....	Sorghum.....	Tobacco.....	Hemp.....	Castor Beans.....	Beans.....	Peas.....
Adams.....		4	564				21	19
Alexander.....		47	47					2
Bond.....		41	207	3		20	15	1
Boone.....	19	140		1			15	18
Brown.....			200	2			5	
Bureau.....		12	91				14	40
Calhoun.....								
Carroll.....		5	8	19			7	7
Cass.....			15					
Champaign.....	1,440	1,430	103		330		4	
Christian.....		15	51	1			9	
Clark.....		41	261	1			303	7
Clay.....			254	10	3	42	42	24
Clinton.....			15	1		289	8	
Coles.....		9,132	215	7			6	2
Cook.....	1,538			11			20	58
Crawford.....			227	111		2	86	
Cumberland.....		435	255				109	
DeKalb.....	312		3		7		22	15
DeWitt.....		34	90	3			9	
Douglas.....		6,131	72					
DuPage.....	754						2	
Edgar.....		689	140				14	1
Edwards.....			226	4				
Effingham.....	3		268	383			18	2
Fayette.....			222	13			28	2
Ford.....	7,482	50	24		194		3	
Franklin.....			*1	*20		*10		
Fulton.....			181				13	5
Gallatin.....			440					
Greene.....			155	1			15	
Grundy.....	103						10	
Hamilton.....			503	769			4	
Hancock.....		23	333	1			22	2
Hardin.....			58					
Henderson.....			*103				*4	
Henry.....	2	4,122	857	121			7	2
Iroquois.....	8,524	35	147	1			12	1
Jackson.....			78	4		20	3	7
Jasper.....		219	374	8			11	
Jefferson.....		6	102	16		53		
Jersey.....			*44	*1				*1
Jo Daviess.....	6		29	688			11	37
Johnson.....			142	61		21		
Kane.....	22						8	1
Kankakee.....	1,075	25	55	26		2	4	
Kendall.....	6		5				1	
Knox.....		864	177				7	
Lake.....	478		37		3		14	3
LaSalle.....		4	78				81	2
Lawrence.....		11	195	1		17	76	1
Lee.....				*75		*5	*5	

ACRES IN CULTIVATION IN 1894.—*Continued.*

COUNTIES.	Flax.....	Broom Corn.....	Sorghum.....	Tobacco.....	Hemp.....	Castor Beans.....	Beans.....	Peas.....
Livingston.....	3,914	41	121	.....	.....	.....	10	.....
Logan.....	.....	.....	77	.....	.....	.....	1	1
Macon.....	.....	5	32	.....	.....	.....	2	.....
Macoupin.....	.....	57	124	2	.....	.....	4	.....
Madison.....	.....	.....	107	2	.....	.....	2	.....
Marion.....	.....	4	258	12	.....	11	32	.....
Marshall.....	.....	.....	*45	.....	.....	.....	*20	*5
Mason.....	.....	.....	.....	.....	.....	.....	.....	44
Massac.....	.....	.....	184	78	.....	.....	.....	.....
McDonough.....	*120	*25	*111	*1	.....	.....	.....	.....
McHenry.....	24	.....	36	.....	.....	2	83	.....
McLean.....	451	5	91	.....	.....	.....	33	10
Menard.....	.....	.....	185	.....	.....	.....	.....	.....
Mercer.....	.....	850	269	.....	.....	.....	18	.....
Monroe.....	.....	.....	59	.....	.....	.....	.....	.....
Montgomery.....	.....	10	163	10	.....	.....	.....	.....
Morgan.....	.....	*35	*90	*10	.....	*55	.....	*35
Moultrie.....	17	330	67	.....	.....	.....	11	1
Ogle.....	54	2	28	.....	.....	.....	40	3
Peoria.....	.....	42	190	.....	.....	.....	18	2
Perry.....	.....	.....	.....	*2	.....	.....	.....	.....
Piatt.....	438	25	15	.....	.....	.....	.....	.....
Pike.....	.....	20	130	61	.....	.....	6	.....
Pope.....	.....	.....	*306	*1	.....	.....	*2	*4
Pulaski.....	.....	4	151	30	.....	.....	69	72
Putnam.....	.....	.....	.....	.....	.....	.....	.....	.....
Randolph.....	.....	15	217	5	.....	.....	1	1
Richland.....	.....	.....	253	3	.....	.....	20	3
Rock Island.....	.....	8	45	.....	.....	.....	17	67
Saline.....	.....	28	152	1,110	.....	5	.....	.....
Sangamon.....	.....	4	61	.....	.....	.....	.....	.....
Schuyler.....	.....	.....	166	1	.....	2	8	.....
Scott.....	.....	19	3	.....	.....	.....	.....	.....
Sherby.....	22	26	193	1	.....	.....	8	1
Stark.....	.....	2	62	.....	.....	.....	.....	.....
St. Clair.....	.....	.....	94	.....	.....	47	2	1
Stephenson.....	7	.....	87	235	.....	.....	8	1
Tazewell.....	.....	.....	18	.....	.....	.....	2	1
Union.....	.....	.....	93	16	.....	.....	2	6
Vermilion.....	2,602	.....	263	3	261	.....	18	3
Wabash.....	.....	11	67	.....	.....	.....	2	.....
Warren.....	.....	55	147	.....	.....	.....	6	.....
Washington.....	.....	6	258	.....	.....	114	17	2
Wayne.....	11	6	280	40	.....	379	64	.....
White.....	.....	7	255	135	.....	12	10	.....
Whiteside.....	.....	.....	68	.....	.....	.....	21	.....
Will.....	1,124	30	6	.....	.....	.....	17	7
Williamson.....	.....	.....	332	717	.....	.....	62	7
Winnebago.....	.....	8	27	4	.....	.....	61	32
Woodford.....	.....	.....	31	.....	.....	.....	3	.....
Total.....	30,998	25,173	13,854	4,842	798	1,108	1,621	585

\* Estimated.

## ACRES IN CULTIVATION IN 1884.

Counties.	ORCHARDS.					Irish Potatoes.....	Sweet Potatoes.....	Turnips and other root crops.....	Pastures .....
	Apple.....	Peach.....	Pear.....	Vineyards.....	Other fruits and berries...				
Adams.....	5,288	74	28	62	393	1,647	295	23	53,969
Alexander.....	399	4	30			199	6	3	137
Bond.....	2,947	10		12	7	578	15	15	27,240
Boone.....	1,653	4		1	5	820		6	51,774
Brown.....	1,660	38	5	1		411	3	23	27,392
Bureau.....	4,586		5	26	31	1,684	115	7	196,216
Calhoun.....	2,505			6		125			2,653
Carroll.....	1,786			2	45	1,189	1		61,874
Cass.....	854	19		3		165		3	22,916
Champaign.....	6,605	30	1	3	17	3,010	6		108,506
Christian.....	4,665	33		11	81	1,261	21	29	68,396
Clark.....	1,935	5				545	5		28,493
Clay.....	2,576	25	1	1	7	315	13	17	19,864
Clinton.....	2,517	16		14	2	815	3	4	22,427
Coles.....	2,317	24		2	2	714	8	60	42,483
Cook.....	3,519	149	5	17	15	9,866		240	82,884
Crawford.....	1,744	12		2	25	383	8	1	24,472
Cumberland.....	1,123	11		4	10	244	2	20	23,656
DeKalb.....	4,225				59	1,832		2	118,722
DeWitt.....	1,937	7		2	5	579		18	46,762
Douglas.....	3,412	13	1			380		52	51,496
DuPage.....	3,242	4		10	11	3,631		21	45,993
Edgar.....	3,608	12	9	1	10	601	7	5	90,092
Edwards.....	1,672	45		2	1	298	1		11,560
Effingham.....	1,629	3	106	1	117	700	2	4	33,951
Fayette.....	2,784	94		14	83	519	10	12	27,013
Ford.....	2,095	3			81	618			38,247
Franklin.....	4,224	46			41	78			4,784
Fulton.....	4,761	39	4	22	367	1,424	15	14	65,641
Gallatin.....	3,296	1,290				640	120		8,840
Greene.....	2,503	49	10	12	35	571	12	102	54,329
Grundy.....	1,902	2			108	1,093	1	26	62,398
Hamilton.....	2,226	109	6			660	23	2	53,120
Hancock.....	4,918	34	3	194	16	1,206	48	26	66,923
Hardin.....	300	14				1,419			1,992
Henderson.....	41,561	421		48	48	4,298	418	42	461,845
Henry.....	4,074	2	2	5	5	1,608	1	13	110,949
Iroquois.....	4,792	10	3	48	94	2,097	4	30	112,794
Jackson.....	3,548	511	39	31	479	552	143	21	8,282
Jasper.....	1,507	20	3	1	5	996	6	6	21,666
Jefferson.....	3,167	128	5	5	135	503	19	25	26,571
Jersey.....	41,955	443	42	465	425	4,477	448	419	423,146
JoDaviess.....	1,751	30		47	75	1,815		24	80,469
Johnson.....	1,528	357			62	187	134	6	4,611
Kane.....	2,431				4	1,690		11	96,632
Kankakee.....	2,445	3	1	15	12	1,251		3	59,683
Kendall.....	3,264			2	3			2	47,963
Knox.....	3,838	6		4	25	1,284	5	12	118,118
Lake.....	2,981	2	1	1	457	1,410		62	76,735
LaSalle.....	6,358	1	11	6	71	2,898	1	17	107,141
Lawrence.....	2,236	20		2	18	231	33		26,817
Lee.....	44,010	42	42	418	405	42,711	411	411	474,120



## ACRES IN CULTIVATION IN 1884—Continued.

Counties.	ORCHARDS.					Irish Potatoes	Sweet Potatoes	Turnips and other root crops.	Pastures
	Apple	Peach	Pear	Vineyards	Other fruits and berries				
Livingston	5,011		5	16	20	3,651	1	6	102,332
Logan	2,455	6		11	4	1,220	74	1	67,662
Macon	3,541	44		51	28	1,081	12	3	60,386
Macoupin	5,136	21	5	7	40	662	7	1	81,684
Madison	6,718	605	45	176	4,102	9,753	85	52	46,247
Marion	5,542	92	8	7	327	236	6	52	32,179
Marshall	†3,000	†50	†20	†300	†10	†1,000	†5	†5	†45,000
Mason							†23		
Massac	1,133	164	4	1	5	313	18	20	2,299
McDonough	†3,148	†81	†2	†16	†3	†550	†2	†27	†49,892
McHenry	2,458			22	96	1,994		51	129,542
McLean	7,407	12	4	80	86	2,037	15	168	158,237
Menard	1,353			17	50	575	50	275	37,730
Mercer	2,950	2		16	21	1,101	16	1	90,783
Monroe	1,322	1		115		1,122			7,253
Montgomery	4,651	58		9		880	7	9	67,482
Morgan	†3,668	†81	†3	†12	†55	†2,465	†210	†45	†80,819
Moultrie	1,169	9		3		323	1	2	26,086
Ogle	3,796			8	21	1,987	6	5	88,928
Peoria	2,421	5		22	7	1,626	4	30	48,322
Perry	†1,417	†23	†5	†10	†40	†391	†19	†6	†4,994
Piatt	1,417	6	1	6	9	500			20,791
Pike	3,502	105	4	10	32	718	50	89	35,632
Pope	†1,413	†540	†5			†1,334	†1		†6,812
Pulaski	1,192	176	70	129	757	510	296	10	1,685
Putnam	1,035					217			25,133
Randolph	2,767	55	2	21	8	891	30	10	13,308
Richland	2,778	2		1		531	1	1	39,424
Rock Island	2,720			54	53	2,854		38	56,087
Saline	921	72	1			71	9		5,114
Sangamon	3,973	33	8	23	76	1,269	21	81	109,182
Schuyler	2,570	2	7	2		452	8	9	39,444
Scott	318	4				61			7,029
Shelby	4,399	302	16	14	9	989	6	31	63,153
Stark	971	19	14	2	1	474	4	101	36,700
St. Clair	3,565	16	1	137	38	3,255	12	31	17,273
Stephenson	2,725			4	8	1,751	3	16	64,030
Tazewell	2,845	18	1	18	34	1,066	178	5	57,257
Union	2,424	411	100	1	661	4,091	327	58	4,714
Vermilion	4,134	22	9	7	33	1,361	1	31	125,476
Wabash	1,127	1			75	151			14,139
Warren	1,983	7		10	4	934	3	11	106,853
Washington	2,675	12	4	8	74	939	20	7	22,836
Wayne	3,980	191	1			348	5	8	24,015
White	1,760	29	1	2	6	368	50	35	17,884
Whiteside	2,842	14	2		59	1,588	1	65	83,176
Will	4,650			26	52	3,024		1,305	117,892
Williamson	1,879	79	1	2	3	298	67	44	8,838
Winnebago	2,402		1	5	155	1,550		18	69,059
Woodford	2,714	1		26	2	900			45,557
Total	284,901	6,690	633	2,092	10,181	125,680	2,681	3,856	5,085,817

† Estimated.

## VALUE OF CROPS PRODUCED IN 1884.

COUNTIES.	Corn.	Hay.	Winter Wheat.	Spring Wheat.	Oats.	Rye.
Adams.....	\$745,826	\$293,205	\$985,956	\$751	\$270,759	\$7,475
Alexander.....	66,470	26,445	111,764	209	7,607	257
Bond.....	237,515	107,290	270,659	185	142,238	4,320
Boone.....	365,666	218,956	42,300	14,428	366,906	25,545
Brown.....	309,615	140,994	319,845	216	51,156	4,647
Bureau.....	1,191,609	534,690	15,089	24,366	623,750	69,555
Calhoun.....	199,923	78,336	278,152	.....	15,907	.....
Carroll.....	671,619	303,416	31,835	17,334	402,367	323,840
Cass.....	365,021	48,622	257,315	1,946	76,986	2,236
Champaign.....	1,234,394	457,920	319,122	2,119	665,429	42,047
Christian.....	814,500	377,243	499,651	21,511	123,298	2,816
Clark.....	326,144	130,326	200,125	604	90,646	2,330
Clay.....	169,016	185,528	129,276	.....	109,58	1,635
Clinton.....	384,045	108,150	862,200	24,825	200,095	701
Coles.....	336,719	131,091	194,517	788	90,971	3,306
Cook.....	719,300	813,465	2,077	11,314	503,455	8,995
Crawford.....	274,296	87,036	203,011	222	52,714	1,590
Cumberland.....	174,568	133,147	311,768	.....	120,022	3,312
DeKalb.....	1,429,341	511,635	2,205	8,214	690,816	19,937
DeWitt.....	622,541	169,532	98,257	1,270	201,828	15,240
Douglas.....	396,269	176,884	114,127	616	120,596	2,534
DuPage.....	441,991	385,524	2,128	14,803	508,841	23,148
Edgar.....	655,261	201,874	320,956	505	98,449	2,288
Edwards.....	95,291	74,919	283,818	1,799	44,657	265
Effingham.....	279,741	128,303	224,394	.....	181,853	2,970
Fayette.....	143,037	215,340	241,446	32,808	139,708	1,850
Ford.....	702,503	144,108	5,666	111	333,960	14,254
Franklin.....	30,511	6,077	26,812	3,930	5,490	39
Fulton.....	993,210	441,661	549,346	8,944	266,066	52,565
Gallatin.....	342,000	122,640	436,240	.....	37,237	2,340
Greene.....	579,224	163,424	570,301	653	44,989	1,518
Grundy.....	705,976	280,665	1,266	1,448	383,817	12,785
Hamilton.....	226,363	147,288	108,535	.....	39,337	28
Hancock.....	829,612	371,790	342,600	2,082	334,184	23,978
Hardin.....	32,037	37,720	19,827	.....	4,441	179
Henderson.....	543,404	175,609	62,310	4,585	202,982	64,594
Henry.....	1,145,901	597,173	2,947	19,421	755,074	45,137
Iroquois.....	1,571,460	482,315	49,638	628	837,393	41,738
Jackson.....	200,644	190,497	409,588	.....	44,914	225
Jasper.....	142,472	161,908	115,790	123	103,125	4,118
Jefferson.....	195,387	116,863	322,237	.....	132,978	1,235
Jersey.....	275,344	163,072	644,604	74	61,470	634
Jo Daviess.....	703,721	662,039	68,660	27,852	510,957	11,023
Johnson.....	213,629	108,967	152,061	.....	16,807	156
Kane.....	662,647	637,819	1,411	4,624	331,251	27,955
Kankakee.....	599,992	509,415	27,238	875	392,283	63,120
Kendall.....	574,843	217,977	811	1,394	307,041	12,398
Knox.....	1,182,470	435,816	50,966	5,368	856,720	30,740
Lake.....	330,176	360,040	6,037	35,022	274,879	5,000
LaSalle.....	1,914,342	724,350	27,292	13,861	870,564	25,933
Lawrence.....	180,979	87,237	232,877	123	39,654	1,732
Lee.....	1,261,314	1,026,603	2,560	72,072	542,640	23,338

## VALUE OF CROPS PRODUCED IN 1884—Continued.

COUNTIES.	Corn.	Hay.	Winter Wheat.	Spring Wheat.	Oats.	Rye.
Livingston .....	\$1,461,012	\$828,760	\$8,022	\$838	\$902,783	\$56,074
Logan .....	1,051,150	188,409	363,119	8,759	235,162	14,643
Macon .....	1,274,016	273,476	272,275	480	291,220	2,933
Macoupin .....	894,897	273,875	797,194	.....	167,940	1,037
Madison .....	923,211	305,529	1,027,418	.....	134,047	4,890
Marion .....	189,038	155,566	191,256	37	177,045	2,161
Marshall .....	665,600	252,000	8,208	1,540	328,440	23,850
Mason .....	261,176	27,391	122,514	6,560	40,964	23,525
Massac. ....	136,820	50,153	182,419	.....	15,268	170
McDonough .....	734,067	228,130	137,862	7,725	607,250	104,640
McHenry .....	834,012	629,442	14,391	57,054	492,181	20,520
McLean .....	2,065,632	484,028	75,066	1,220	821,147	63,287
Menard .....	460,317	204,050	348,907	.....	81,400	8,406
Mercer .....	843,019	311,567	5,117	6,788	423,530	38,257
Monroe .....	214,915	201,135	1,077,952	.....	81,490	1,059
Montgomery .....	668,820	214,013	702,533	62	191,462	4,618
Morgan .....	1,220,074	290,568	413,083	9,856	96,199	36,660
Moultrie .....	343,806	104,818	122,846	.....	93,161	430
Ogle .....	1,426,836	673,239	58,035	12,252	681,171	80,346
Peoria .....	588,167	316,469	105,512	1,651	560,600	44,658
Perry .....	70,694	44,104	202,041	86	87,550	242
Piatt .....	455,295	87,485	142,493	123	90,720	5,390
Pike .....	722,990	189,582	1,308,981	480	120,256	2,480
Pope .....	208,443	102,900	173,448	148	23,337	.....
Pulaski .....	96,727	72,060	100,772	.....	10,997	632
Putnam .....	345,344	58,987	11,632	4,862	114,412	8,712
Randolph .....	314,342	203,976	941,200	.....	161,633	936
Richland .....	100,358	181,119	139,277	.....	93,109	848
Rock Island .....	455,677	307,587	2,576	20,701	187,920	33,600
Saline .....	136,121	117,999	98,841	1,996	30,738	25
Sangamon .....	1,197,240	363,870	557,326	1,786	211,124	11,891
Schuyler .....	418,322	209,990	450,025	887	107,204	3,989
Scott .....	143,976	24,690	133,931	197	10,990	741
Shelby .....	582,579	364,652	407,710	727	326,637	5,205
Stark .....	680,687	175,294	3,078	1,571	270,899	16,444
St. Clair .....	720,764	421,722	1,261,883	62	179,524	710
Stephenson .....	895,687	400,080	83,945	47,895	496,736	190,237
Tazewell .....	821,453	227,587	293,494	3,265	343,834	8,477
Union .....	164,737	187,335	251,492	.....	50,792	1,122
Vermilion .....	1,144,805	323,476	289,602	431	441,354	20,016
Wabash .....	159,428	78,072	247,882	.....	33,364	62
Warren .....	1,022,679	267,583	9,585	4,870	485,426	21,915
Washington .....	184,822	63,288	657,325	86	210,694	842
Wayne .....	104,550	225,800	204,900	.....	100,479	84
White .....	266,406	141,770	442,855	.....	55,513	449
Whiteside .....	554,975	483,130	5,331	15,233	352,299	126,017
Will .....	1,402,933	600,671	21,488	4,537	1,054,671	24,089
Williamson .....	164,944	121,856	151,062	468	20,74	218
Winnebago .....	668,270	388,110	29,275	30,236	568,526	1,016,605
Woodford .....	748,761	246,600	40,197	3,129	449,240	17,496
Total .....	\$60,300,153	\$27,085,009	\$25,366,010	\$641,195	\$26,743,745	\$2,175,964



## VALUE OF CROPS PRODUCED IN 1884.

COUNTIES.	Barley.....	Buckwheat.....	Flax Seed.....	Timothy Seed.....	Clover Seed.....	Hungarian and Milet Seed.....	Pastures.....
Adams .....	\$74	\$165	.....	\$1,722	\$24,241	\$22	\$250,956
Alexander.....	.....	.....	.....	.....	.....	.....	527
Bond .....	.....	27	.....	231	13	32	70,824
Boone .....	15,990	1,392	222	3,588	8,126	3	152,378
Brown.....	74	152	.....	1,670	3,163	.....	95,872
Bureau.....	5,554	208	.....	8,883	2,224	29	355,824
Calhoun.....	.....	.....	.....	.....	538	.....	11,333
Carroll.....	24,898	792	.....	3,045	4,743	81	247,496
Cass .....	553	72	.....	166	.....	.....	99,685
Champaign.....	30	45	10,764	8,417	1,664	18	352,644
Christian.....	59	261	.....	5,351	514	64	321,461
Clark.....	15	1,607	.....	1,818	5,716	2	64,109
Clay.....	.....	396	.....	9,886	496	461	76,476
Clinton.....	.....	43	.....	62	2,057	158	89,708
Coles .....	118	24	.....	2,083	3,034	130	121,076
Cook .....	3,890	163	11,434	1,073	144	1,248	248,652
Crawford.....	1,186	1,960	.....	1,057	3,504	4	61,180
Cumberland.....	.....	410	.....	1,280	290	114	82,796
DeKalb.....	5,185	1,290	3,285	26,862	7,340	275	403,655
DeWitt.....	.....	22	.....	4,069	1,483	9	133,272
Douglas.....	3,557	862	.....	5,649	408	157	154,488
DuPage.....	1,111	88	10,587	547	892	121	193,171
Edgar .....	89	11	.....	10,272	3,147	136	549,552
Edwards.....	59	.....	.....	3,712	11,367	3,102	23,120
Effingham.....	.....	128	31	3,179	.....	.....	67,902
Fayette.....	59	258	.....	968	1,419	54	94,545
Ford .....	341	16	67,059	9,031	3,048	10	110,916
Franklin.....	.....	.....	.....	50	.....	.....	2,744
Fulton.....	.....	996	.....	4,312	60,052	.....	206,769
Gallatin.....	.....	.....	.....	979	4,094	.....	17,680
Greene.....	.....	101	.....	2,081	5,745	19	434,632
Grundy.....	.....	530	1,066	8,775	582	410	240,332
Hamilton.....	.....	33	.....	109	.....	.....	464,950
Hancock.....	.....	2,288	.....	5,644	6,270	119	184,038
Hardin.....	.....	.....	.....	.....	.....	.....	9,960
Henderson.....	.....	96	.....	136	103	18	216,457
Henry .....	5,202	83	21	4,025	4,063	133	438,559
Iroquois.....	741	2,914	99,731	19,264	1,120	1,789	255,786
Jackson.....	924	93	.....	765	13,176	.....	20,705
Jasper.....	.....	104	.....	201	247	.....	31,599
Jefferson.....	.....	.....	.....	957	160	6	161,226
Jersey.....	.....	.....	.....	24	91	2	146,977
JoDavies.....	6,862	515	63	3,743	3,605	5	293,712
Johnson.....	.....	.....	.....	15	13,039	.....	18,444
Kane .....	2,075	1,206	232	5,323	1,134	61	347,875
Kankakee.....	.....	989	11,320	1,335	6,248	.....	223,811
Kendall.....	222	169	63	13,886	3,391	35	167,888
Knox .....	.....	82	.....	3,990	7,964	44	472,472
Lake.....	15,667	390	6,023	2,440	2,034	210	318,450
LaSalle.....	5,896	748	.....	42,951	8,241	347	417,850
Lawrence.....	1,120	500	.....	634	27,527	1	89,837
Lee.....	31,356	155	.....	51,250	38,475	149	248,302

## VALUE OF CROPS PRODUCED IN 1884.—Continued.

COUNTIES.	Barley.....	Buckwheat.....	Flax Seed.....	Timothy Seed.....	Clover Seed.....	Hungarian and Millet Seed.....	Pastures.....
Livingston.....	\$802	\$388	\$41,214	\$12,131	\$2,172	\$2,602	\$281,413
Logan.....				642			270,648
Macon.....				2,522	3,828	136	317,026
Macoupin.....		185		2,545	10,151	24	204,210
Madison.....		22		146	6,363	51	191,925
Marion.....	30	228		3,307	441	491	32,179
Marshall.....	1,482	1,020		1,380	2,981	146	162,000
Mason.....	519	685					
Massac.....					427		13,794
McDonough.....	148	664	1,264	2,886	2,420	121	199,568
McHenry.....	27,109	3,574	360	5,485	12,671	230	686,573
McLean.....	296	194	4,749	7,039	11,509	19	474,711
Menard.....	1,778	750		562	562		150,920
Mercer.....	118	1,208		5,682	1,664	4	317,758
Monroe.....	1,357			3,158	82		29,012
Montgomery.....	118	108		1,598	765	107	212,568
Morgan.....	166,162	169		3,126	1,001		559,440
Moultrie.....	356	10	176	596	1,100	7	80,867
Ogle.....	81,250	816	569	30,034	17,986	111	355,712
Peoria.....	104	349		2,536	8,900	23	193,288
Perry.....	193			558		52	17,479
Piatt.....	118	38	612	1,026	364	69	62,373
Pike.....		90		593	9,020	18	190,631
Pope.....				15			34,060
Pulaski.....					2,955		6,740
Putnam.....				515			116,868
Randolph.....	415	22		305	11,640	101	126,426
Richland.....		65		31,270	8,001	60	137,934
Rock Island.....	1,616	500		641	1,078		204,717
Saline.....		43		37	8,941	2	15,342
Sangamon.....	756	11		3,208	318		365,760
Schuyler.....		256		3,323	33,230	2	177,498
Scott.....				24			32,685
Shelby.....	415	223	232	3,033	1,311	204	170,513
Stark.....				1,145	1,241	51	183,500
St. Clair.....	2,475	107	10	106	9,983	54	86,365
Stephenson.....	108,640	517	74	1,514	13,129	897	278,530
Tazewell.....	548	144		2,731	16,335		214,714
Union.....	696	128		14	5,181		54,648
Vermilion.....	357	381	27,321	9,090	4,800	342	294,869
Wabash.....	44	11		292	14,151		42,417
Warren.....	74	163		2,292	1,515		614,405
Washington.....	415	2		87	346	82	42,247
Wayne.....	30	470	116	56,556	1,836		48,030
White.....	1,482	43		147	21,560	25	95,679
Whiteside.....	2,875	1,223		8,644	3,388	86	415,880
Will.....	696	70	11,836	4,074	23,270	1,239	442,095
Williamson.....				82	11,008		35,352
Winnebago.....	26,892	626		1,974	6,011	244	258,971
Woodford.....	74	43		6,171	19,723	8	136,671
Total.....	\$562,328	\$37,864	\$314,416	\$512,438	\$609,945	\$17,187	\$19,241,249

## VALUE OF CROPS PRODUCED IN 1884—Continued.

COUNTIES.	Broom Corn.....	Sorghum.....	Tobacco.....	Castor Beans...	Beans .....	Irish Potatoes..	Sweet Potatoes.	Turnips and other root crops.....
Adams.....	\$152	\$39,480			\$546	\$88,197	\$35,842	\$735
Alexander.....		2,161				8,099	189	18,722
Bond.....	120	8,756	\$235	\$594	247	19,421	251	905
Boone.....	5,200		78		214	31,160		151,575
Brown.....		7,520	156		120	19,928	245	724
Bureau.....	456	4,013			237	61,971	7,351	96
Calhoun.....						4,312		
Carroll.....	152	300	1,486		159	46,942	94	750
Cass.....		697				6,897	247	240
Champaign.....	26,800	12,687			75	66,200	600	56
Christian.....	532	2,700	78		175	45,194	1,443	2,795
Clark.....	4,080	9,135	165		3,735	16,023	151	67
Clay.....		7,429	853	1,247	1,010	10,552	1,462	1,077
Clinton.....		675	132	10,404	260	27,139	248	1,742
Coles.....	274,880	6,953	105		108	18,292	702	274
Cook.....			860		351	255,529		19,521
Crawford.....		7,895	5,141	59	1,204	10,892	473	72
Cumberland.....	23,312	17,092			2,844	10,248	174	122
DeKalb.....		138			400	52,672		550
DeWitt.....	1,292	3,672	235		234	15,199		81
Douglas.....	30,640	5,076				14,592		55
DuPage.....					37	120,631		1,105
Edgar.....	6,020	5,600			291	25,572	875	978
Edwards.....		10,170	313			8,761	70	
Effingham.....		13,025	7,954		356	25,900	225	210
Fayette.....		14,319	1,017		175	15,938	539	788
Ford.....	1,900	810			29	11,587		
Franklin.....		36	800	81		151		
Fulton.....		4,600			422	71,997	1,104	808
Gallatin.....		13,833				12,480	7,524	
Greene.....		8,705	78		322	22,395	360	2,759
Grundy.....					203	32,790	112	368
Hamilton.....		24,758	34,605		122	22,909	1,095	255
Hancock.....	836	14,826	78		458	39,195	3,120	1,278
Hardin.....		6,096				24,292		
Henderson.....		6,489			83	5,701	973	1,519
Henry.....	123,630	65,123	9,463		122	51,559	181	1,364
Iroquois.....	1,292	6,762	78		192	58,338	267	1,471
Jackson.....		6,142	284	594	62	14,208	4,790	365
Jasper.....	6,560	14,911	360		165	41,414	360	23,952
Jefferson.....	228	6,480	1,133	927		11,091	1,624	730
Jersey.....		1,700	78			33,571	1,065	797
Jo Daviess.....		1,021	82,732		214	40,111		1,309
Johnson.....		6,351	1,585	919		4,896	5,628	415
Kane.....					319	63,882		1,570
Kankakee.....	1,680	1,512	2,033	59	65	39,557		381
Kendall.....		165			19			127
Knox.....	32,832	10,266			136	41,730	400	119
Lake.....		2,775			400	49,843		3,370
LaSalle.....	152	3,327			1,579	127,976	58	331
Lawrence.....	380	4,224	78	505	752	4,872	1,432	11
Lee.....			5,866	148	225	62,624	827	
Livingston.....	1,520	3,872			227	57,175	130	72,211



## VALUE OF CROPS PRODUCED IN 1884—Continued.

COUNTIES.	Broom Corn....	Sorghum.....	Tobacco .....	Castor Beans...	Beans.....	Irish Potatoes..	Sweet Potatoes.	Turnips and other root crops.....
Logan.....		\$4,966			\$26	\$28,334	\$6,052	\$170
Macon.....	\$152	3,008			42	50,785	1,008	457
Macoupin.....	2,126	6,820	156		83	24,825	822	220
Madison.....		3,852	156		19	303,703	2,439	819
Marion.....	152	6,192	840	327	832	5,554	360	243
Marshall.....		4,500			825	38,100	375	
Mason.....						6,390	1,725	
Massac.....		7,691	3,042			8,570	1,004	729
McDonough....	912	10,378	78			22,275	171	3,477
McHenry.....		2,350		59	949	119,720		1,259
McLean.....	152	4,095			686	95,739	1,057	3,550
Menard.....		8,852				19,390	6,150	
Mercer.....	14,840	8,070			374	25,984	1,504	
Monroe.....		2,124				41,514		
Montgomery...	380	7,009	782			32,472	612	171,251
Morgan.....	1,292	4,680	782	1,633		115,362	8,254	3,680
Moultrie.....	8,250	2,472			330	10,336	82	52
Ogle.....	76	1,120			600	62,670	300	1,081
Peoria.....	1,596	7,600			381	60,975	300	1,598
Perry.....			88		19	16,352	1,201	4,540
Piatt.....	2,812	637				15,120		300
Pike.....	760	6,500	4,771		135	17,571	3,760	182
Pope.....		7,497	78		42	24,279	47	
Pulaski.....		8,116	1,440		1,749	20,176	18,503	400
Putnam.....	152					9,277		
Randolph.....		13,866	1,066		21	41,164	1,306	990
Richland.....	532	8,845	235		160	15,233	7,410	134
Rock Island....		1,890			354	88,617		1,218
Saline.....	394	3,192	86,813	148		1,775	45	80
Sangamon.....	1,064	3,182			39	50,760	1,579	1,693
Schuyler.....	129	7,852	142	50	240	17,086	480	787
Scott.....		169				3,205		
Shelby.....	684	6,763	78		196	53,000	785	196
Stark.....	988	3,348				16,633	77	25
St. Clair.....	50	3,929		1,354	19	81,896	848	1,681
Stephenson.....		2,506	25,850		135	54,771	2,0	151
Tazewell.....		900			42	51,726	15,575	
Union.....		3,766	1,251		39	132,139	9,810	2,344
Vermilion.....		17,095	235		374	33,072	94	239,795
Wabash.....	380	1,916			40	5,262		21
Warren.....	1,080	8,820			125	39,508	381	142
Washington....	120	8,256		2,992	331	23,287	905	690
Wayne.....	228	6,300	1,600	8,527	1,056	7,983	292	188
White.....	228	7,127	5,759	158		8,964	2,618	167
Whiteside.....		2,010			1,000	47,005	65	918
Will.....	1,140	108			275	99,731		4,083
Williamson.....		9,083	27,963		1,302	10,728	3,026	1,261
Winnebago.....	304	1,191			878	39,660		2,176
Woodford.....		1,674	313		39	17,280		
Total.....	\$585,572	\$631,270	\$321,582	\$30,794	\$3,017	\$4,093,956	\$184,077	\$771,438

## VALUE OF CROPS PRODUCED IN 1884—Continued.

Counties.	Apples.....	Peaches.....	Pears.....	Vineyards.		Other fruits and berries.....	Total value crops produced in 1884.
				Grapes.....	Wine.....		
Adams.....	\$26,065	\$13	\$18	\$73	.....	\$8,606	\$2,780,379
Alexander.....	1,800	25	2	1	.....	.....	214,278
Bond.....	33,223	.....	37	6	\$48	82	897,259
Boone.....	2,109	.....	.....	.....	.....	110	1,365,046
Brown.....	11,538	61	1	4	.....	1,934	969,535
Bureau.....	45,732	.....	13	282	1,278	1,907	2,955,141
Calhoun.....	19,457	.....	.....	69	.....	.....	608,632
Carroll.....	8,906	.....	.....	99	253	.....	2,090,657
Cass.....	9,243	13	.....	1	62	.....	870,051
Champaign.....	162,571	25	.....	30	.....	1,094	3,363,771
Christian.....	34,728	220	.....	9	.....	304	2,254,812
Clark.....	26,715	72	.....	10	.....	13	883,658
Clay.....	18,717	274	30	250	.....	1,011	726,340
Clinton.....	10,280	1,415	24	45	340	9	1,724,817
Coles.....	47,443	.....	.....	49	.....	.....	1,231,394
Cook.....	19,285	475	99	1,452	226	50	2,623,067
Crawford.....	31,808	598	24	29	3	.....	745,994
Cumberland.....	17,168	.....	.....	13	.....	273	898,943
DeKalb.....	24,068	.....	.....	74	.....	618	3,188,650
DeWitt.....	13,920	.....	.....	11	.....	26	1,282,193
Douglas.....	47,784	122	.....	.....	.....	.....	1,074,326
DuPage.....	11,490	.....	.....	440	.....	550	1,717,304
Edgar.....	27,167	3	478	85	.....	1,318	1,931,927
Edwards.....	10,526	1,681	.....	68	10	300	574,115
Effingham.....	21,249	940	.....	43	15	.....	958,418
Fayette.....	22,701	23	24	55	.....	2,260	929,361
Ford.....	13,064	.....	.....	10	.....	.....	1,418,403
Franklin.....	1,657	180	.....	.....	.....	206	78,764
Fulton.....	56,463	29	22	12	307	3,134	2,722,769
Gallatin.....	101,782	78,336	.....	.....	.....	.....	1,177,170
Greene.....	13,917	137	92	18	.....	1,300	1,852,765
Grundy.....	14,875	245	.....	.....	.....	159	1,686,309
Hamilton.....	22,916	14,150	.....	.....	.....	.....	1,107,464
Hancock.....	72,583	18	.....	.....	.....	1,845	2,236,842
Hardin.....	344	281	.....	.....	.....	.....	125,777
Henderson.....	7,422	1,024	.....	365	767	319	1,294,969
Henry.....	21,414	.....	.....	154	25	659	3,295,477
Iroquois.....	45,785	56	9	980	174	2,483	3,480,404
Jackson.....	51,887	21,112	1,192	111	70	9,214	991,567
Jasper.....	12,589	47	1	30	38	.....	660,144
Jefferson.....	17,169	.....	34	75	464	1,156	972,165
Jersey.....	11,283	2,290	15	817	2,409	1,226	1,349,583
JoDavies.....	9,885	270	.....	635	3,779	3,110	2,435,823
Johnson.....	10,980	12,877	.....	.....	.....	1,997	568,796
Kane.....	19,045	.....	.....	44	26	598	2,109,097
Kankakee.....	37,436	.....	.....	207	123	438	1,920,117
Kendall.....	16,693	.....	.....	13	.....	289	1,317,424
Knox.....	42,633	.....	.....	5	.....	625	3,173,893
Lake.....	27,230	.....	44	80	73	892	1,441,075
LaSalle.....	51,591	18	84	209	272	1,993	4,249,968
Lawrence.....	36,958	329	17	263	70	340	762,502
Lee.....	.....	.....	.....	4,000	.....	.....	3,371,907

## VALUE OF CROPS PRODUCED IN 1884—Continued.

Counties.	Apples.....	Peaches.....	Pears.....	Vineyards.		Other fruits and berries.....	Total value crops produced in 1884.
				Grapes.....	Wine.....		
Livingston.....	\$28,610	.....	.....	\$91	\$2,054	\$6,805	\$3,770,906
Logan.....	30,955	\$56	.....	83	.....	2,120	2,210,373
Macon.....	105,139	.....	\$42	304	1,443	1,020	2,601,372
Macoupin.....	59,295	.....	169	25	.....	1,074	2,427,675
Madison.....	17,450	19,241	1,396	564	2,369	40,215	2,985,935
Marion.....	33,751	2,381	23	31	.....	13,484	815,922
Marshall.....	.....	.....	.....	65	.....	.....	1,492,512
Mason.....	.....	.....	.....	.....	.....	.....	489,072
Massac.....	5,209	430	32	.....	.....	422	426,230
McDonough.....	19,281	423	.....	85	240	451	2,088,519
McHenry.....	4,720	.....	4	130	3,637	2,103	2,922,533
McLean.....	60,598	90	.....	78	169	810	4,175,921
Menard.....	.....	.....	.....	238	.....	.....	1,292,212
Mercer.....	19,331	18	.....	87	260	1,117	3,026,327
Monroe.....	7,442	.....	.....	244	2,480	.....	1,663,965
Montgomery.....	36,986	.....	.....	7	29	.....	2,246,290
Morgan.....	21,105	.....	.....	544	750	2,125	2,736,436
Moultrie.....	6,595	36	.....	4	.....	1	776,334
Ogle.....	13,206	.....	.....	537	11,554	766	3,510,167
Peoria.....	22,498	.....	.....	387	1,014	445	1,919,034
Perry.....	16,220	1,680	47	.....	1,265	50	464,561
Piatt.....	12,100	482	.....	60	65	.....	881,682
Pike.....	40,145	.....	.....	.....	4	120	2,698,559
Pope.....	15,936	14,555	154	.....	.....	605,039	383,587
Pulaski.....	.....	.....	.....	3,050	.....	39,270	682,293
Putnam.....	10,708	.....	.....	.....	173	.....	1,892,305
Randolph.....	40,656	175	147	784	612	522	739,438
Richland.....	14,510	22	18	140	.....	.....	1,369,893
Rock Island.....	27,564	.....	.....	567	1,185	1,886	518,409
Saline.....	10,307	5,276	6	14	.....	1	2,828,752
Sangamon.....	52,956	1,233	67	181	637	2,081	1,468,535
Schuyler.....	37,003	.....	.....	31	.....	.....	355,728
Scott.....	5,120	.....	.....	.....	.....	.....	1,999,488
Shelby.....	73,962	31	.....	.....	131	155	1,360,129
Stark.....	5,186	.....	.....	20	.....	12	2,807,592
St. Clair.....	27,453	182	15	1,829	3,662	909	2,606,759
Stephenson.....	5,117	.....	.....	9	75	1,034	2,024,914
Tazewell.....	20,579	.....	130	25	124	1,230	948,781
Union.....	20,657	15,370	1,015	.....	.....	66,245	2,909,730
Vermilion.....	59,841	265	442	76	.....	1,597	597,205
Wabash.....	12,892	252	.....	29	.....	690	2,502,386
Warren.....	20,493	148	.....	.....	1,082	100	1,274,115
Washington.....	74,263	1,368	55	10	22	1,496	853,386
Wayne.....	73,967	10,287	40	50	.....	17	1,072,037
White.....	16,326	4,003	9	222	135	100	2,023,330
Whiteside.....	3,008	25	1	5	3	50	3,731,524
Will.....	31,287	.....	.....	477	599	2,165	587,551
Williamson.....	15,155	12,055	57	3	1,079	48	2,136,243
Winnebago.....	6,232	.....	.....	113	.....	5,549	1,907,928
Woodford.....	22,492	.....	.....	86	910	20	.....
Total.....	\$2,687,850	\$227,443	\$6,128	\$22,500	\$48,605	\$250,747	\$173,502,572



## DAIRY PRODUCTS.

COUNTIES.	MILK.					CREAM.				
	Gallons sold in 1883, returned by assessors..	Gallons sold in 1884 compared with 1883.....	Gallons sold in 1884.....	Price per gallon	Value of product	Gallons sold in 1883, returned by assessors..	Gallons sold in 1884 compared with 1883.....	Gallons sold in 1884.....	Price per gallon.	Value of product
Adams.....	33,858	\$102	34,565	108	\$2,765	1,551	\$109	1,690	\$0 20	\$338
Alexander.....	120	102	87,365	26	22,716	215	100	215	\$17	101
Bond.....	85,655	102	1,335,733	15	200,360	38,298	95	36,283	24	8,732
Boone.....	1,309,542	150	3,037	12	364	400	220	880	40	352
Brown.....	2,025	100	338,892	10	33,889	26,698	87	23,227	21	4,878
Bureau.....	338,892	100		20						
Calhoun.....										
Carroll.....	39,838	\$102	40,686	88	7,323	60,269	75	45,202	30	13,561
Cass.....	1,000	\$102	1,020	18	184					
Champaign.....	15,660	100	15,660	18	2,819	250	\$109	272	\$37	128
Christian.....	30,290	100	20,220	25	7,571	562	117	658	69	494
Clark.....	190	105	199	09	18		105		15	
Clay.....	60	100	60	15	9	39	100	39	\$47	18
Clinton.....	84,846	107	90,785	14	12,710	160	100	160	80	128
Coles.....	17,160	100	17,160	21	3,604	55	100	55	50	27
Cook.....	7,372,435	105	7,741,057	12	928,927	10,952	102	11,171	\$47	5,250
Crawford.....		112		09			83		17	
Cumberland.....	1,367	\$102	1,392	18	251	10	\$109	11	\$47	5
DeKalb.....	2,529,985	110	2,782,982	20	556,598	64,133	105	67,340	\$47	31,650
DeWitt.....	23,020	100	23,020	10	4,374	1,191	150	1,786	25	446
Douglas.....	83	\$102	85	20	18				75	
DuPage.....	7,623,079	105	8,004,233	12	960,508	2,574	90	2,317	75	1,738
Edgar.....	17,490	\$102	17,840	27	4,817	250	\$109	272	60	163
Edwards.....	25	100	25	18	4		100			
Effingham.....	13,010	102	13,270	19	2,521	115	100	115	\$47	54
Fayette.....	650	87	565	25	111	1,490	100	1,490	\$47	700
Ford.....	5,700	100	5,700	18	1,026	4,380	100	4,382	\$47	2,059
Franklin.....		100								
Fulton.....	55,732	95	52,945	20	10,539	4,714	155	7,307	50	5,653
Gallatin.....										
Greene.....	4,218	100	4,218	30	1,265	275	108	297	31	92
Grundy.....	27,954	112	31,308	35	10,938	48,892	110	53,781	20	10,756
Hamilton.....		95		20			90		42	
Hancock.....	10,933	\$102	11,152	8	2,007	100	\$109	109	\$47	51
Hardin.....				20						
Henderson.....	\$779	\$102	794	25	198	\$3,795	110	4,174	\$47	1,960
Henry.....	31,270	103	32,208	13	4,187	30,918	102	31,536	47	14,823
Iroquois.....	93,147	100	93,147	11	10,246	29,406	104	10,582	35	10,704
Jackson.....	3,478	\$102	3,547	15	532					
Jasper.....		100					20		22	10
Jefferson.....	25	100	25	10	2	591	120	709	\$47	333
Jersey.....	\$79,025	100	79,025	10	7,902	\$1,630	100	1,630	30	489
JoDavies.....	1,800	100	1,800	18	314	19,786	100	19,786	17	3,364
Johnson.....		80					80			
Kane.....	12,451,770	104	12,949,841	3	1,683,479	19,129	106	20,277	38	7,705
Kankakee.....	77,545	83	64,362	18	11,585	37,277	94	35,040	\$47	16,469
Kendall.....	425,097	102	433,599	10	43,360	13,241	100	18,241	\$47	8,573
Knox.....	70,770	\$102	72,185	20	14,437	29,889	\$109	32,579	\$47	15,312
Lake.....	2,381,364	95	2,262,266	16	361,967	250	98	245	\$47	115
LaSalle.....	299,010	102	304,990	23	70,148	7,324	102	7,470	57	4,258
Lawrence.....	2,630	105	2,761	12	332	55	\$109	60	45	27
Lee.....	\$284,000	102	239,680	18	52,142	\$75,000	105	78,750	60	47,250

§ Estimated.

## DAIRY PRODUCTS—Continued.

COUNTIES.	MILK.					CREAM.				
	Gallons sold in 1883, returned by assessors..	Gallons sold in 1884 compared with 1883.....	Gallons sold in 1884.....	Price per gallon.	Value of product	Gallons sold in 1883, returned by assessors..	Gallons sold in 1884 compared with 1883.....	Gallons sold in 1884.....	Price per gallon.	Value of product
Livingston...	27,084	108	29,251	0 06	\$1,753	12,019	103	12,379	\$0 40	\$4,952
Logan.....	41,730	110	45,903	22	10,099	225	155	349	\$47	164
Macon.....	4,550	105	4,777	16	764	5,667	116	6,574	75	4,930
Macoupin...	337,302	\$102	344,048	\$18	61,929	2,345	\$109	2,556	\$47	1,201
Madison...	254,923	103	262,571	17	44,637	3,445	100	3,445	1 00	3,445
Marion.....	7,400	100	7,400	20	1,480		102			
Marshall...	\$33,855	110	37,240	\$18	6,703	\$1,459	10	15,532	\$47	720
Mason.....		110		22						
Massac.....	50	100	50	40	20		100		1 00	
McDonough..	\$20,051	100	20,051	17	3,409	\$4,654	210	9,773	\$47	4,593
McHenry....	7,917,321	107	8,471,533	12	1,016,584	1,100	100	1,100	\$47	517
McLean.....	94,110	\$102	95,992	20	19,198	2,465	\$109	2,687	\$47	1,263
Menard.....	12,785	105	13,424	25	3,356	665	100	665	\$47	312
Mercer.....	1,650	100	1,650	\$18	297	50,625	124	62,775	40	25,110
Monroe.....	100	\$102	102	20	20					
Montgomery.	13,165	\$102	13,428	\$18	2,417	1,690	\$109	1,842	\$47	866
Morgan.....	\$246,398	100	246,398	\$18	44,352	\$28,268	100	28,268	\$47	13,286
Moultrie....	698	\$102	712	\$18	128					
Ogle.....	101,410	105	106,480	\$18	19,166	253,023	107	270,735	22	59,562
Peoria.....	114,346	\$102	116,633	\$18	20,994	1,235	\$109	1,346	\$47	633
Perry.....	\$1,669	100	1,669	25	417		131		25	
Piatt.....	1,425	100	1,425	22	313	295	137	404	80	323
Pike.....	754	100	754	06	45	265	100	265	\$47	124
Pope.....		105								
Pulaski.....		110								
Putnam.....										
Randolph...	15,200	100	15,200	25	3,800	300	\$109	327	40	131
Richland...	1,690	100	1,690	25	422	170	\$109	185	\$47	87
Rock Island..	171,502	105	180,077	15	27,011	20,256	75	15,192	60	9,115
Saline.....						60	\$109	65	\$47	30
Sangamon...	149,016	\$102	152,027	25	38,007	4,675	\$109	5,096	\$47	2,395
Schuyler....	221	95	210	24	50		160		35	
Scott.....	100	100	100	20	20		120		25	
Shelby.....	4,530	110	4,983	12	598		97		15	
Stark.....	11,450	95	10,877	20	2,175		125		60	
St. Clair...	18,297	103	18,846	19	3,581	260	100	260	77	200
Stephenson..	230,181	100	230,181	15	34,527	109,412	103	112,694	40	45,078
Tazewell....	41,190	102	42,014	20	8,403	2,366	100	2,366	80	1,893
Union.....	10,400	125	13,000	20	2,600	15	120	18	40	7
Vermilion...	15,035	\$102	15,336	20	3,067	120	\$109	131	\$47	61
Wabash.....		100		20						
Warren.....	5,451	103	5,614	18	1,010	14,586	117	17,066	80	13,653
Washington..	430	100	430	20	86	300	100	300	\$47	141
Wayne.....	660	95	627	20	125					
White.....	3,444	\$102	3,513	\$18	632	25	\$109	27	\$47	13
Whiteside...	21,334	100	21,334	16	3,413	203,671	100	203,671	60	122,203
Will.....	1,299,818	97	1,260,823	15	189,123	111,260	87	96,796	22	21,295
Williamson...		100					100		\$47	
Winnebago...	1,018,510	95	967,584	17	164,489	83,793	93	77,927	58	45,198
Woodford....	14,560	\$102	14,851	\$18	2,673	100	\$109	109	\$47	51
Total or ave.	48,051,282	104	50,056,318	13	\$6,783,071	1,462,036	101	1,479,183	\$0 40	\$600,219

§ Estimated.

## DAIRY PRODUCTS—Continued.

COUNTIES.	BUTTER.				CHEESE.					
	Pounds sold in 1883, returned by assessors.....	Pounds sold in 1884, compared with 1883	Pounds sold in 1884.	Price per pound ....	Value of product....	Pounds sold in 1883, returned by assessors.....	Pounds sold in 1884, compared with 1883	Pounds sold in 1884.	Price per pound.....	Value of product....
Adams.....	175,901	102	179,419	\$0 18	\$32,295	3,829	105	4,020	\$0 08	\$322
Alexander.....	2,717	110	2,989	20	598				15	
Bond.....	82,556	101	83,381	15	12,507	1,245	100	1,245	17	212
Boone.....	1,636,624	102	1,669,356	26	434,032	454,250	85	386,112	09	34,750
Brown.....	70,442	80	56,354	20	11,271	110	\$97	107	20	21
Bureau.....	885,072	80	708,058	18	127,450	52	100	52	12	6
Calhoun.....	4,845	\$101	4,893	18	881					
Carroll.....	320,693	102	327,107	20	65,421	25,600	90	23,040	15	3,456
Cass.....	17,810	95	16,919	17	2,876					
Champaign.....	231,069	100	231,069	12	27,728	13,450	\$97	13,046	\$13	1,696
Christian.....	174,511	97	169,276	20	33,855	8,640	102	8,813	12	1,057
Clark.....	93,205	117	109,050	14	15,267	16,302	105	17,117	10	1,712
Clay.....	34,229	97	33,202	17	5,644	400	100	400	20	80
Clinton.....	71,918	82	58,973	22	12,974	6,280	100	6,280	16	1,005
Coles.....	106,252	102	108,377	17	18,424	100	100	100	14	14
Cook.....	502,109	99	497,088	25	124,272	14,000	100	14,000	09	1,260
Crawford.....	82,713	100	81,713	14	11,440	20	92	18	12	2
Cumberland.....	48,290	112	54,085	12	6,488					
DeKalb.....	898,755	107	961,668	25	240,417	507,015	95	481,664	10	48,166
DeWitt.....	114,053	102	116,334	22	25,593	100	100	100	20	20
Douglas.....	75,088	100	75,688	12	9,082	75			15	
DuPage.....	295,951	101	298,910	28	83,695	229,550	91	208,890	14	29,245
Edgar.....	128,028	100	128,028	22	28,169	18,728	\$97	18,166	15	2,725
Edwards.....	44,836	110	49,320	15	7,398					
Effingham.....	79,415	92	73,089	16	11,694		100		08	
Fayette.....	121,295	103	124,934	14	17,491	60	100	60	\$13	8
Ford.....	117,678	100	117,678	16	18,828		100			
Franklin.....	\$2,080	100	2,080	17	354		100			
Fulton.....	321,861	85	273,584	15	41,033	125	100	125	15	19
Gallatin.....	47,000	100	47,000	20	9,400					
Greene.....	111,448	107	119,249	20	23,850	1,800	100	1,800	15	270
Grundy.....	334,999	110	308,499	21	77,385		112		11	
Hamilton.....	13,012	100	13,012	17	2,212	100	100	100	\$13	13
Hancock.....	313,166	110	344,483	16	55,117	440	\$97	427	\$13	55
Hardin.....	1,025	105	1,076	20	215		100		12	
Henderson.....	555,695	100	55,695	19	10,582	10,000	\$97	9,700	18	1,746
Henry.....	436,195	104	453,643	19	86,192	83,542	93	77,694	14	10,877
Iroquois.....	153,790	100	153,790	21	32,296	1,701	103	1,752	10	175
Jackson.....	65,263	100	65,263	18	11,747					
Jasper.....	48,731	100	48,731	14	6,822	535	75	401	13	52
Jefferson.....	89,946	105	94,443	18	17,000	240	\$97	233	\$13	30
Jersey.....	\$60,672	116	70,379	15	10,557		80		12	
JoDaviess.....	597,823	92	549,997	19	104,499	4,111	80	3,289	12	395
Johnson.....	2,772	90	2,495	17	424		80		12	
Kane.....	719,318	107	769,702	25	192,425	636,256	97	617,168	10	61,717
Kankakee.....	275,348	97	267,087	21	56,088	6,600	89	5,874	13	764
Kendall.....	285,258	99	282,405	23	64,953	24,500	100	24,500	11	2,695
Knox.....	289,327	100	289,327	19	54,972	48,260	\$97	46,812	16	7,490
Lake.....	587,797	101	593,675	25	148,419	107,276	99	106,203	10	10,620
LaSalle.....	605,174	101	641,226	19	116,133	3,682	100	3,682	11	405
Lawrence.....	67,878	103	69,914	14	9,788				10	
Lee.....	\$990,060	102	1,009,800	22	222,156	\$60,000	95	57,000	13	7,410



## DAIRY PRODUCTS—Continued.

COUNTIES.	BUTTER.					CHEESE.				
	Pounds sold in 1883, returned by assessors.....	Pounds sold in 1884, compared with 1883.	Pounds sold in 1884..	Price per pound ....	Value of product.....	Pounds sold in 1883, returned by assessors.....	Pounds sold in 1884, compared with 1883.	Pounds sold in 1884..	Price per pound ....	Value of product.....
Livingston .....	552,514	110	607,765	\$0 19	\$115,475	325	100	325	\$0 14	\$45
Logan .....	130,311	100	130,311	17	22,153	.....	100	.....	16	.....
Macon .....	194,132	100	195,132	18	34,944	50	\$97	48	15	7
Macoupin .....	154,143	100	154,143	15	23,121	6,410	\$97	6,218	\$13	808
Madison .....	198,746	95	188,809	22	41,538	21,658	100	21,658	11	2,382
Marion .....	81,133	102	82,756	20	16,551	500	\$97	485	12	58
Marshall .....	\$93,922	95	89,226	13	11,599	\$12,000	135	16,200	12	1,944
Mason .....	.....	102	.....	22	.....	.....	.....	.....	15	.....
Massac .....	53,557	107	57,306	21	12,034	50	100	50	15	7
McDonough .....	\$120,589	105	126,618	20	28,324	\$200	75	150	16	24
McHenry .....	757,935	103	780,673	23	218,588	2,506,382	91	1,280,808	09	205,273
McLean .....	416,601	107	445,763	19	84,695	2,525	\$97	2,449	\$13	318
Menard .....	86,745	95	82,408	17	14,009	335	100	335	11	37
Mercer .....	285,276	87	248,190	22	54,602	.....	100	.....	15	.....
Monroe .....	42,698	100	42,698	20	8,540	766	\$97	743	\$13	96
Montgomery .....	198,664	98	194,691	16	31,159	495	\$97	480	20	96
Morgan .....	\$125,200	100	125,200	20	25,040	.....	100	.....	.....	.....
Moultrie .....	60,773	\$101	61,381	15	9,208	.....	.....	.....	.....	.....
Ogle .....	708,303	102	722,561	21	151,738	47,366	100	47,366	11	5,210
Peoria .....	233,870	85	198,789	18	35,782	76,243	\$97	73,956	\$13	9,614
Perry .....	\$34,283	109	37,368	22	8,221	\$626	100	626	20	125
Piatt .....	61,147	105	64,204	17	10,915	.....	100	.....	12	.....
Pike .....	107,381	110	118,119	15	17,718	.....	50	.....	12	.....
Pope .....	\$2,498	110	2,308	20	462	.....	.....	.....	.....	.....
Pulaski .....	14,723	105	15,461	23	3,556	.....	.....	.....	.....	.....
Putnam .....	42,940	105	45,085	22	9,919	.....	100	.....	12	.....
Randolph .....	127,298	100	127,298	20	25,460	5,075	\$97	4,923	12	591
Richland .....	62,159	103	64,024	16	10,244	2,720	\$97	2,638	\$13	343
Rock Island .....	302,063	100	302,063	22	66,454	40	100	40	12	5
Saline .....	15,543	\$101	15,698	20	3,140	.....	.....	.....	15	.....
Sangamon .....	222,021	100	222,021	20	44,404	.....	.....	.....	14	.....
Schuyler .....	137,790	77	106,098	17	18,037	50	100	50	15	7
Scott .....	19,333	100	19,333	18	3,430	.....	100	.....	.....	.....
Shelby .....	105,983	110	115,921	14	16,229	.....	102	.....	12	.....
Stark .....	90,399	95	85,879	19	16,317	300	100	300	16	48
St. Clair .....	280,661	100	280,661	24	67,359	38,765	100	38,765	11	4,264
Stephenson .....	637,829	106	676,099	20	135,230	5,214	108	5,631	11	619
Tazewell .....	269,323	103	308,304	19	58,578	3,985	100	3,985	15	598
Union .....	28,145	112	31,522	22	6,935	55	\$97	53	\$13	7
Vermilion .....	176,815	100	176,815	18	31,827	6,400	\$97	6,208	12	745
Wabash .....	25,577	107	27,367	20	5,473	.....	.....	.....	.....	.....
Warren .....	150,589	104	156,612	19	29,756	9,885	98	9,688	14	1,356
Washington .....	85,234	102	86,939	20	17,388	1,025	100	1,025	15	154
Wayne .....	54,906	93	51,062	14	7,149	.....	.....	.....	17	.....
White .....	28,762	102	29,337	18	5,281	115	100	115	\$13	15
Whiteside .....	526,535	100	526,535	21	110,572	5,080	100	5,080	12	610
Will .....	802,245	86	689,931	23	158,684	82,100	81	66,501	09	5,985
Williamson .....	32,533	107	34,810	22	7,658	50	\$97	48	\$13	6
Winnebago .....	695,585	100	695,585	22	153,329	46,103	98	45,181	11	4,970
Woodford .....	156,939	100	156,939	15	23,541	14,000	\$97	13,580	\$13	1,765
Total or av ..	22,772,740	100	22,696,333	\$0 21	\$4,749,507	5,185,791	93	4,795,697	\$0 10	\$478,622

§ Estimated.

## BEEF CATTLE AND DAIRY COWS.

COUNTIES.	BEEF CATTLE.							DAIRY COWS.				
	Number of cattle as- sessed, May, 1884.....	Number marketed, 1884	Average live weight, lbs	Total live weight, lbs...	Average value per cwt., live weight.....	Total value.....	Supply on hand Dec. 1, 1884, compared with same date 1883.....	Price per cwt., Dec. 1, 1884, live weight.....	No. kept 1884, assessors' returns.....	Value per head.....	Total value.....	
Adams.....	23,965	5,512	1,200	6,614,400	\$4 90	\$324,106	82	\$4 75	6,917	\$43	\$297,431	
Alexander.....	2,216	510	550	280,500	3 75	10,519	110	2 85	268	30	8,040	
Bond.....	7,114	1,635	737	1,205,732	3 85	46,421	96	4 00	3,094	41	126,854	
Boone.....	19,430	4,469	1,050	4,692,450	4 75	222,891	83	4 40	10,784	40	431,360	
Brown.....	9,340	2,143	1,150	2,470,200	4 75	117,334	100	4 50	2,976	44	130,944	
Bureau.....	40,983	9,426	1,200	11,311,200	4 75	537,282	90	4 10	10,975	38	417,050	
Calhoun.....	3,083	709	900	638,100	5 00	31,905	195	3 75	975	32	31,200	
Carroll.....	29,319	6,743	1,041	7,019,463	5 00	350,973	107	4 50	8,265	34	281,010	
Cass.....	10,967	2,522	1,300	3,278,600	5 00	163,930	100	4 55	1,493	42	62,700	
Champaign.....	30,244	6,956	1,100	7,651,600	4 35	332,845	100	4 50	8,628	40	345,120	
Christian.....	23,098	5,312	1,187	6,305,344	4 80	302,656	102	4 35	6,165	52	320,580	
Clark.....	12,192	2,804	1,050	2,944,200	3 70	168,935	102	3 40	4,006	33	132,198	
Clay.....	10,424	2,397	800	1,917,600	3 50	67,116	100	2 10	5,949	33	196,317	
Clinton.....	6,927	1,593	400	637,200	5 00	31,860	90	4 75	3,647	40	145,880	
Coles.....	20,975	4,824	1,190	5,740,560	4 80	275,547	108	4 60	4,401	37	162,837	
Cook.....	39,684	9,127	1,041	9,501,207	4 25	403,801	100	4 90	25,448	47	1,196,056	
Crawford.....	8,854	2,036	920	1,873,120	3 85	72,115	110	3 90	4,260	36	153,360	
Cumberland.....	8,475	1,949	1,000	1,949,000	3 75	73,087	90	3 25	2,945	35	103,075	
DeKalb.....	45,324	10,424	1,041	10,851,384	5 00	542,569	100	4 60	20,843	42	875,406	
DeWitt.....	14,448	3,323	1,217	4,044,091	3 35	135,477	96	4 30	3,571	49	174,979	
Douglas.....	18,590	4,276	1,150	4,917,400	3 50	172,109	100	4 00	2,664	37	98,568	
DuPage.....	21,985	5,056	1,100	5,561,600	3 50	194,656	97	4 00	16,229	48	778,992	
Edgar.....	27,534	6,333	1,200	7,599,600	4 00	303,984	100	4 50	4,987	45	224,415	
Edwards.....	7,514	1,728	1,041	1,798,848	4 00	71,954	100	3 75	2,472	35	86,520	
Effingham.....	10,008	2,302	1,100	2,532,200	3 85	97,400	97	3 85	4,125	30	123,750	
Fayette.....	13,432	3,089	925	2,857,325	3 35	95,720	92	3 60	4,914	38	186,732	
Ford.....	11,906	2,738	1,150	3,148,700	4 75	149,563	88	4 50	13,831	42	160,902	
Franklin.....	6,398	1,471	950	1,397,450	2 85	39,827	95	2 60	1,238	40	9,520	
Fulton.....	35,160	8,087	1,087	8,790,569	4 50	395,576	97	4 65	115,087	38	573,382	
Gallatin.....	5,330	1,226	700	858,200	2 75	23,600	77	3 00	960	30	28,800	
Greene.....	16,607	3,820	1,212	4,629,840	4 90	226,862	84	4 55	4,042	46	185,932	
Grundy.....	18,161	4,177	1,200	5,012,400	4 35	218,039	95	4 35	6,086	38	254,008	
Hamilton.....	10,130	2,330	950	2,213,500	3 45	76,366	92	3 55	1,471	37	54,427	
Hancock.....	34,405	7,913	1,100	8,704,300	5 00	435,215	95	4 25	8,170	37	303,290	
Hardin.....	2,741	630	600	378,000	3 00	11,340	80	2 85	444	35	15,540	
Henderson.....	15,588	3,585	1,133	4,061,805	5 05	205,121	77	4 20	2,953	33	97,449	
Henry.....	42,851	9,856	1,117	11,009,152	4 50	495,412	104	4 35	12,828	37	474,686	
Iroquois.....	42,720	9,826	1,120	11,005,120	4 35	478,723	100	4 25	14,092	37	521,404	
Jackson.....	7,710	1,773	800	1,418,400	3 00	42,552	92	2 85	2,413	33	79,629	
Jasper.....	11,570	2,661	1,000	2,661,000	3 90	103,779	77	4 10	3,096	30	92,880	
Jefferson.....	10,815	2,487	1,000	2,487,000	3 00	74,610	78	3 15	3,406	35	119,210	
Jersey.....	7,901	1,817	1,033	1,876,961	5 00	93,848	108	5 00	12,565	42	107,730	
JoDavies.....	38,068	8,756	1,112	9,736,672	4 30	417,677	109	4 20	13,490	35	472,150	
Johnson.....	4,745	1,091	817	891,347	2 75	24,512	95	2 50	544	35	19,404	
Kane.....	47,262	10,870	1,075	11,685,250	4 20	490,780	97	4 25	29,754	40	1,190,160	
Kankakee.....	10,019	4,604	1,233	5,676,732	4 75	269,635	105	4 50	7,601	39	296,439	
Kendall.....	19,076	4,387	1,075	4,716,025	4 25	200,431	95	4 20	7,903	40	316,120	
Knox.....	39,479	9,080	1,125	10,215,000	4 75	485,212	100	5 00	15,299	47	719,053	
Lake.....	21,752	5,003	1,070	5,353,210	5 45	291,750	99	4 60	14,385	46	615,710	
LaSalle.....	52,344	12,039	1,165	14,025,435	5 05	708,284	91	4 95	16,043	46	737,978	
Lawrence.....	8,703	2,002	983	1,967,966	3 75	73,799	102	3 90	2,855	33	94,215	
Lee.....	36,480	8,390	1,100	9,229,000	4 35	401,461	109	3 75	.....	.....	.....	

## BEEF CATTLE AND DAIRY COWS—Continued.

COUNTIES.	BEEF CATTLE.							DAIRY Cows.			
	Number of cattle assessed, May, 1884.....	Number marketed, 1884	Average live weight, lbs	Total live weight, lbs...	Average value per cwt., live weight, .....	Total value.....	Supply on hand Dec. 1, 1884, compared with same date, 1883.....	Price per cwt., Dec. 1, 1884, live weight.....	No. kept 1884, assessors' returns.....	Value per head .....	Total value.....
Livingston...	34,343	7,899	1,200	9,478,800	\$4 10	\$388,631	97	\$4 20	12,875	37	\$476,375
Logan.....	17,860	4,108	1,300	5,340,400	5 00	267,020	103	5 00	4,541	53	240,673
Macon.....	19,661	4,522	1,240	5,607,280	5 15	288,775	88	4 95	4,469	46	251,574
Macoupin.....	25,274	5,813	1,000	5,813,000	5 00	290,650	110	5 00	6,687	40	267,480
Madison.....	12,515	2,878	850	2,446,300	3 85	94,182	102	3 85	5,152	40	206,080
Marion.....	11,351	2,611	850	2,219,350	4 00	88,774	90	4 50	3,720	30	111,600
Marshall.....	15,148	3,484	1,175	4,093,700	5 30	216,966	94	5 00			
Mason.....	6,597	1,517	1,067	1,618,639	4 75	76,885	70	4 35			
Massac.....	3,170	729	875	637,885	3 25	20,731	83	3 50	1,193	30	35,790
McDonough.....	26,356	6,062	1,225	7,425,950	4 00	297,038	105	4 00	14,975	45	223,875
McHenry.....	47,025	10,816	1,000	10,816,000	4 50	486,720	92	4 75	28,597	47	1,268,865
McLean.....	50,169	11,539	1,190	13,731,510	5 25	720,899	99	4 85	12,071	50	603,550
Menard.....	10,165	2,338	1,275	2,980,950	5 50	163,952	95	5 10	2,550	47	119,850
Mercer.....	31,584	7,264	1,083	7,866,912	5 00	393,346	76	5 00	8,556	42	359,352
Monroe.....	3,749	862	1,041	897,342	4 25	38,137	100	4 00	2,067	42	86,814
Montgomery.....	17,355	3,992	1,009	3,992,000	3 45	137,724	96	3 60	5,956	38	226,328
Morgan.....	18,145	4,173	1,258	6,249,634	5 20	272,981	97	4 95			
Moultrie.....	11,234	2,584	1,050	2,713,200	3 75	101,745	95	4 60	2,050	38	77,140
Ogle.....	49,717	11,435	1,033	11,812,355	4 50	531,556	100	4 15	16,159	37	597,550
Peoria.....	37,875	8,711	1,025	8,928,775	3 75	334,829	79	3 75	7,065	43	303,795
Perry.....	4,906	1,123	895	1,009,560	3 35	33,820	99	3 50	1,681	30	20,430
Piatt.....	14,234	3,274	1,150	3,765,100	4 35	163,782	97	4 00	2,556	52	132,912
Pike.....	18,990	4,368	1,167	5,097,456	4 75	242,129	97	4 60	3,985	42	167,370
Pope.....	6,418	1,476	700	1,033,200	3 00	30,996	75	2 50	11,429	35	50,015
Pulaski.....	2,870	660	800	528,000	4 00	21,120	105	4 00	575	31	17,825
Putnam.....	6,888	1,584	1,150	1,821,600	4 75	86,526	102	4 75	1,476	47	69,372
Randolph.....	9,624	2,213	1,041	2,303,733	4 50	103,668	100	3 50	4,162	37	153,994
Richland.....	7,911	1,819	867	1,577,073	3 75	59,140	67	3 25	3,149	28	88,172
Rock Island.....	19,074	4,594	1,000	4,594,000	4 85	222,809	90	5 00	7,298	41	299,210
Saline.....	6,057	1,393	1,041	1,450,113	4 25	61,630	195	14 15	1,165	30	34,950
Sangamon.....	39,428	9,068	1,250	11,335,000	5 10	578,085	79	5 00	7,678	47	360,866
Schuyler.....	16,579	3,813	1,137	4,335,381	4 85	210,266	97	4 70	3,935	45	177,075
Scott.....	6,198	1,412	1,233	1,740,996	5 15	89,661	93	4 65	596	48	28,608
Shelby.....	24,073	5,537	1,126	6,234,662	4 60	286,794	99	4 10	6,376	41	261,416
Stark.....	13,174	3,030	1,200	3,636,000	5 00	181,800	103	4 85	2,777	44	122,188
St. Clair.....	11,332	2,606	950	2,475,700	3 95	95,700	96	4 30	5,667	45	255,015
Stephenson.....	36,297	8,348	1,075	8,974,100	4 15	372,425	97	4 00	13,324	37	492,988
Tazewell.....	21,459	4,935	1,167	5,759,145	5 25	302,255	94	5 45	6,324	50	316,200
Union.....	7,307	1,681	650	1,092,650	3 35	36,604	97	3 35	1,072	47	50,384
Vermilion.....	32,980	7,585	1,450	10,998,550	5 15	56,410	105	4 90	6,851	45	308,295
Wabash.....	4,740	1,090	937	1,021,330	3 55	36,257	74	3 90	1,164	33	38,412
Warren.....	24,904	5,728	1,151	6,582,928	4 70	307,868	100	4 55	5,173	41	212,093
Washington.....	8,734	2,009	1,000	2,009,000	3 75	75,337	97	3 90	4,130	33	156,290
Wayne.....	16,559	3,808	800	3,046,400	4 00	121,856	97	3 40	4,324	30	129,720
White.....	10,604	2,439	967	2,358,518	3 50	82,548	98	3 60	1,830	32	58,560
Whiteside.....	37,278	8,574	1,000	8,574,000	4 00	342,960	75	4 00	13,140	35	459,900
Will.....	39,383	9,058	1,117	10,117,786	5 35	541,301	91	5 00	19,181	43	824,783
Williamson.....	7,945	1,837	900	1,644,300	2 85	46,862	94	2 95	1,375	34	46,750
Winnebago.....	31,673	7,285	1,083	7,889,655	4 45	351,090	92	4 50	12,680	36	456,480
Woodford.....	19,067	4,385	1,000	4,385,000	3 00	131,550	100	3 25	4,577	40	183,080
Total or av.	1,990,927	457,887	1,093	500,412,461	\$4 50	\$22,521,246	95	\$4 15	638,363	\$41	\$26,040,036

† Twenty-three per cent. of number assessed.

† Estimated.



## HOG PRODUCT.

COUNTIES.	Number of hogs as- sessed May, 1884.	Number marketed, 1884.....	Average live weight —pounds.....	Total live weight— pounds.....	Average value per cwt.—live weight..	Total value, live weight.....	Supply on hand Dec. 1, 1884, compared with Dec. 1, 1883...	Price per cwt. Dec. 1, 1884—live weight
Adams.....	48,903	40,589	223	9,051,347	\$4 50	\$407,311	80	\$4 05
Alexander.....	4,143	3,439	150	515,850	5 00	25,792	107	4 00
Bond.....	11,946	9,915	206	2,042,490	4 10	83,742	91	3 75
Boone.....	17,662	14,659	267	3,913,953	4 30	168,300	87	3 90
Brown.....	17,636	14,638	257	3,761,466	4 35	163,645	122	3 85
Bureau.....	63,901	53,038	255	13,524,690	4 85	655,947	85	3 95
Calhoun.....	6,831	5,670	210	1,190,700	4 95	58,940	88	4 40
Carroll.....	25,350	29,340	257	7,540,380	4 75	358,168	111	4 00
Cass.....	16,015	13,292	238	3,163,496	4 70	148,684	100	3 80
Champaign.....	52,451	43,534	220	9,577,480	4 75	454,930	90	3 60
Christian.....	43,665	36,242	212	7,683,304	4 55	139,590	92	3 70
Clark.....	19,209	15,943	216	3,443,688	4 05	139,469	96	3 60
Clay.....	16,060	13,330	217	2,892,610	4 00	115,704	83	3 65
Clinton.....	11,203	9,298	180	1,673,640	4 50	75,314	90	4 85
Coles.....	31,786	26,382	230	6,067,860	4 60	279,121	107	3 70
Cook.....	13,094	10,868	232	2,521,376	5 35	134,894	86	4 20
Crawford.....	17,607	14,614	223	3,258,922	4 40	143,392	76	3 55
Cumberland.....	14,399	11,868	200	2,373,600	4 00	94,944	87	3 35
DeKalb.....	45,799	38,013	288	10,643,640	4 50	478,964	103	3 90
DeWitt.....	26,917	22,341	231	5,160,771	4 60	237,395	104	3 75
Douglas.....	24,551	20,377	115	2,343,355	4 35	101,936	87	3 50
DuPage.....	13,697	11,617	112	1,301,104	4 00	52,054	102	3 85
Edgar.....	30,003	24,902	275	6,848,050	4 15	284,194	91	3 85
Edwards.....	11,653	9,672	*228	2,205,216	4 25	93,722	100	4 00
Effingham.....	12,784	10,641	200	2,122,200	4 35	92,316	88	3 65
Fayette.....	27,794	23,069	235	5,421,215	4 15	224,980	97	3 60
Ford.....	20,288	16,839	200	3,367,800	4 35	146,499	46	3 85
Franklin.....	14,616	12,131	187	2,268,497	4 35	98,680	100	3 85
Fulton.....	67,403	55,944	255	14,265,720	4 75	677,622	90	3 80
Gallatin.....	11,981	9,944	175	1,740,200	4 00	69,608	87	3 50
Greene.....	26,297	21,811	238	5,191,018	4 25	220,618	80	3 80
Grundy.....	11,953	9,921	320	3,174,720	4 50	142,862	85	4 10
Hamilton.....	22,933	19,034	199	3,787,766	3 95	149,617	95	3 70
Hancock.....	41,366	34,334	255	8,755,170	4 65	407,115	92	3 85
Hardin.....	7,767	6,447	225	1,450,575	4 50	65,276	97	3 35
Henderson.....	22,822	18,942	238	4,508,196	4 40	198,361	78	3 80
Henry.....	67,491	56,017	238	13,388,063	3 95	528,828	87	4 00
Iroquois.....	46,203	38,348	240	9,203,520	4 55	418,760	70	3 65
Jackson.....	15,636	12,978	183	2,374,974	4 10	97,374	102	4 15
Jasper.....	17,054	14,155	200	2,831,000	4 60	130,226	80	3 75
Jefferson.....	19,439	16,134	208	3,355,872	4 25	142,624	75	3 50
Jersey.....	14,690	12,193	252	3,072,636	5 10	156,704	58	4 30
JoDavies.....	39,094	29,958	252	7,549,416	4 40	332,174	101	3 70
Johnson.....	14,151	11,745	210	2,466,450	3 95	97,425	87	3 55
Kane.....	26,052	21,623	250	5,405,750	4 80	259,476	95	4 00
Kankakee.....	9,592	7,961	227	1,807,147	4 60	83,129	99	3 80
Kendall.....	20,547	17,054	239	4,075,906	4 85	197,681	73	3 75
Knox.....	57,419	47,655	225	10,722,375	4 65	498,590	94	3 75
Lake.....	12,344	10,245	248	2,540,760	4 60	116,875	105	3 95
LaSalle.....	62,222	51,644	301	15,544,844	5 10	792,787	67	4 00
Lawrence.....	13,028	10,813	188	1,924,714	4 35	83,725	95	3 65
Lee.....	31,089	25,804	273	7,044,492	4 85	341,659	99	4 10

## HOG PRODUCT—Continued.

COUNTIES.	Number of hogs assessed May, 1884.	Number marketed, 1884.....	Average live weight—pounds.....	Total live weight—pounds.....	Average value per cwt.—live weight..	Total value, live weight.....	Supply on hand Dec. 1, 1884, compared with Dec. 1, 1883...	Price per cwt. Dec. 1, 1884—live weight
Livingston .....	58,701	48,722	258	12,570,276	\$4 75	\$597,088	89	\$3 75
Logan .....	42,383	35,178	250	8,794,500	4 85	426,533	103	3 70
Macon .....	41,594	34,523	239	8,250,997	3 85	317,663	61	3 85
Macoupin .....	43,028	35,713	200	7,142,600	4 50	321,417	120	3 50
Madison .....	30,711	25,490	270	6,882,300	4 10	282,174	98	4 15
Marion .....	16,895	14,023	160	2,245,680	4 00	89,747	97	4 10
Marshall .....	28,021	23,257	268	6,232,876	5 15	320,993	97	3 95
Mason .....	12,673	10,518	212	2,229,816	4 75	105,916	102	3 85
Massac .....	7,737	6,422	225	1,444,950	3 70	53,463	100	3 85
McDonough .....	45,626	37,869	212	8,028,228	4 20	377,185	87	4 00
McHenry .....	26,032	21,606	237	5,120,622	5 05	258,591	100	4 20
McLean .....	87,117	72,307	339	17,281,373	4 75	820,865	105	3 75
Menard .....	17,466	14,497	227	3,290,819	4 80	157,959	95	3 55
Mercer .....	46,675	38,741	215	8,329,315	4 45	370,654	116	3 55
Monroe .....	9,571	7,944	205	1,628,520	5 00	81,426	98	4 50
Montgomery .....	36,473	30,272	240	7,265,280	4 55	330,570	104	3 75
Morgan .....	24,028	19,943	225	4,487,175	4 90	219,871	79	3 85
Moultrie .....	19,465	16,156	183	2,956,548	4 60	136,001	86	3 65
Ogle .....	55,561	46,118	250	11,529,500	4 50	518,827	95	3 90
Peoria .....	43,094	35,768	262	9,371,216	4 10	384,220	63	3 70
Perry .....	5,953	4,941	212	1,047,492	4 10	42,947	94	3 80
Platt .....	29,981	24,844	212	5,275,408	4 25	224,205	57	4 10
Pike .....	42,135	34,972	231	8,078,532	4 85	391,809	94	3 70
Pope .....	17,019	14,126	180	2,542,680	4 25	108,064	95	3 70
Pulaski .....	5,112	4,243	200	848,600	4 50	38,187	103	4 00
Putnam .....	10,196	8,463	305	2,581,215	5 20	134,223	72	3 65
Randolph .....	17,326	14,380	225	3,235,500	4 25	137,509	100	4 00
Richland .....	8,966	7,442	242	1,800,964	4 25	36,541	120	4 00
Rock Island .....	23,688	19,601	237	4,659,657	4 50	209,684	80	4 00
Saline .....	15,696	13,028	*228	2,970,364	*4 45	132,181	*92	*3 85
Sangamon .....	53,075	44,502	218	9,603,336	4 65	446,555	85	3 70
Schuyler .....	29,075	24,132	207	4,995,324	4 85	242,273	92	3 85
Scott .....	15,442	12,908	235	3,043,380	4 40	533,469	97	3 75
Shelby .....	42,302	35,111	234	8,215,974	4 35	357,395	95	3 90
Stark .....	33,761	28,022	315	8,825,930	4 80	423,693	105	4 00
St. Clair .....	20,272	16,826	272	4,576,672	4 65	212,815	100	4 45
Stephenson .....	47,378	39,324	254	9,988,296	4 75	474,444	92	3 90
Tazewell .....	35,363	29,351	245	7,190,995	4 35	312,808	94	3 75
Union .....	15,801	13,115	202	2,649,230	3 85	101,995	92	3 85
Vermilion .....	49,638	41,199	237	9,764,163	4 50	439,387	85	3 70
Wabash .....	7,895	6,553	196	1,284,388	4 00	51,375	86	4 00
Warren .....	45,301	37,600	269	10,114,400	4 35	439,976	107	3 90
Washington .....	14,018	11,635	225	2,617,875	3 85	100,788	97	3 65
Wayne .....	17,069	14,157	208	2,946,736	4 60	125,550	98	3 60
White .....	23,406	19,427	208	4,040,816	4 75	191,939	90	4 35
Whiteside .....	36,651	30,420	260	7,909,200	4 50	355,914	100	4 00
Will .....	21,445	17,799	230	4,095,770	5 05	206,835	94	4 85
Williamson .....	20,877	17,328	194	3,361,632	4 35	145,231	110	3 75
Winnebago .....	29,814	24,746	248	6,137,003	4 90	300,713	91	3 90
Woodford .....	35,563	29,517	275	8,117,175	3 80	308,453	95	3 70
Total or average .....	2,808,898	2,331,374	236	549,650,787	\$4 50	\$24,886,854	92	\$3 85

\* Estimated.

† Eighty-three per cent. of number assessed.

## FAT SHEEP.

COUNTIES.	Number of sheep assessed, May, 1884	Number marketed, 1884.	Average live weight — pounds .....	Total live weight— pounds .....	Average value per cwt.—live weight..	Total value.....	Supply on hand Dec 1, 1884, compared with Dec. 1, 1883.....	Price per cwt. Dec. 1, 1884—live weight.
Adams.....	14,445	3,178	110	349,590	\$3 25	\$11,361	97	\$4 00
Alexander.....	668	147	118	17,346	3 00	520	95	2 50
Bond.....	10,247	2,254	87	196,098	3 25	6,373	99	3 00
Boone.....	8,964	1,972	80	157,760	3 25	5,127	75	3 10
Brown.....	8,136	1,790	87	155,730	3 30	5,139	100	3 00
Bureau.....	9,872	2,172	100	217,200	3 00	6,516	75	3 00
Calhoun.....	887	195	*101	19,695	*3 30	650	*93	*3 15
Carroll.....	3,120	686	*101	69,286	*3 30	2,286	75	3 00
Cass.....	1,582	348	120	41,760	3 50	1,462	100	2 25
Champaign.....	13,588	2,989	90	269,010	3 25	8,743	100	3 25
Christian.....	13,388	2,945	107	315,115	3 60	11,344	95	3 45
Clark.....	9,784	2,152	97	208,744	3 25	6,784	100	3 35
Clay.....	11,664	2,566	100	256,600	2 40	6,158	93	2 40
Clinton.....	6,893	1,516	*101	153,116	4 50	6,890	95	4 50
Coles.....	9,369	2,061	92	189,612	2 85	5,404	105	3 00
Cook.....	3,423	753	*101	76,053	3 00	2,281	97	3 10
Crawford.....	15,247	3,354	100	335,400	3 10	10,397	73	2 80
Cumberland.....	5,354	1,178	90	106,020	3 10	3,287	97	2 85
DeKalb.....	7,473	1,644	*101	166,044	3 60	5,977	100	3 10
DeWitt.....	14,792	3,254	95	309,130	3 65	11,283	77	3 50
Douglas.....	6,873	1,512	100	151,200	3 50	5,292	87	3 25
DuPage.....	5,481	1,206	82	98,892	2 50	2,472	85	3 50
Edgar.....	15,973	3,514	100	351,400	3 00	10,542	87	3 00
Edwards.....	12,276	2,701	107	289,007	3 75	10,838	100	4 00
Effingham.....	7,325	1,611	77	124,047	4 10	5,086	67	3 35
Fayette.....	15,452	3,399	97	329,703	2 65	8,737	93	2 60
Ford.....	4,838	1,064	90	95,760	4 00	3,830	80	3 75
Franklin.....	6,549	1,432	90	128,880	2 25	2,900	105	2 00
Fulton.....	21,382	4,704	107	503,328	3 25	16,861	100	3 10
Gallatin.....	2,983	656	*101	66,256	*3 30	2,186	*93	*3 15
Greene.....	6,397	1,407	110	154,770	2 50	3,869	27	3 35
Grundy.....	2,171	478	105	50,190	4 00	2,008	100	3 50
Hamilton.....	9,395	2,067	107	221,169	2 45	5,419	86	2 45
Hancock.....	6,991	1,538	*101	155,333	*3 30	5,126	100	*3 15
Hardin.....	2,697	593	*101	59,893	*3 30	1,976	*93	*3 15
Henderson.....	1,950	429	100	42,900	2 00	858	*93	*3 15
Henry.....	7,049	1,551	100	155,100	4 00	6,204	94	4 00
Iroquois.....	7,169	1,577	112	176,624	3 25	5,740	75	3 00
Jackson.....	4,404	969	75	72,675	2 25	1,635	100	*3 15
Jasper.....	10,115	2,225	116	258,100	2 60	6,711	80	2 65
Jefferson.....	10,352	2,387	100	238,700	3 50	8,354	97	2 50
Jersey.....	5,012	1,103	125	137,875	3 25	4,481	100	3 25
JoDavies.....	8,629	1,898	102	193,597	3 60	6,999	60	3 00
Johnson.....	6,299	1,386	120	166,320	2 75	4,574	95	2 50
Kane.....	8,359	1,839	95	174,705	3 75	6,551	90	3 45
Kankakee.....	3,407	749	110	82,390	3 75	3,090	110	3 25
Kendall.....	6,164	1,356	105	142,380	3 50	4,983	97	3 25
Knox.....	11,829	2,602	125	325,250	4 00	13,010	87	4 00
Lake.....	55,513	12,213	100	1,221,300	3 05	37,250	94	3 00
LaSalle.....	12,158	2,675	113	302,275	3 75	21,335	101	3 60
Lawrence.....	9,224	2,029	122	247,538	3 75	9,283	87	3 35
Lee.....	6,222	1,369	95	130,055	3 50	4,552	102	3 25



## FAT SHEEP.—Continued.

COUNTIES.	Number of sheep assessed May, 1884	Number marketed, 1884.....	Average live weight —pounds.....	Total live weight— pounds.....	Average value per cwt.—live weight..	Total value.....	Supply on hand Dec 1, 1884, compared with Dec. 1, 1883.....	Price per cwt. Dec. 1, 1884—live weight.
Livingston.....	7,036	1,548	115	118,020	3 15	6,676	102	3 20
Logan.....	6,756	1,486	100	148,900	4 00	5,944	110	3 25
Macon.....	7,890	1,736	98	170,128	3 96	6,635	81	3 15
Macoupin.....	18,899	4,158	95	395,010	3 50	13,825	90	3 00
Madison.....	9,995	2,199	95	208,905	2 60	5,431	100	2 45
Marion.....	12,491	2,748	*101	277,548	*3 30	9,159	100	*3 15
Marshall.....	7,812	1,719	85	146,115	3 00	4,383	91	2 00
Mason.....	616	135	100	13,500	3 00	405	90	3 00
Massac.....	1,294	285	95	27,075	2 50	677	95	2 50
McDonough.....	10,499	2,310	*101	233,310	3 00	6,999	100	3 00
McHenry.....	36,728	8,080	83	670,640	3 30	22,131	90	4 20
McLean.....	29,699	6,534	95	620,730	3 35	20,794	97	3 00
Menard.....	4,596	1,011	105	106,155	3 25	3,450	70	3 00
Mercer.....	5,513	1,213	103	124,939	3 75	4,685	75	3 25
Monroe.....	1,720	378	*101	38,178	*3 30	1,260	100	*3 15
Montgomery.....	16,381	3,604	97	349,588	3 00	10,488	83	2 35
Morgan.....	8,403	1,849	138	255,162	3 10	7,910	88	3 00
Moultrie.....	3,789	833	87	72,471	3 35	2,428	90	3 50
Ogle.....	7,793	1,714	100	171,400	4 00	6,856	100	3 00
Peoria.....	8,601	1,892	100	189,200	3 50	6,622	77	3 25
Perry.....	3,675	808	95	76,760	3 10	2,379	95	3 50
Piatt.....	5,270	1,159	87	100,833	3 00	3,025	100	3 00
Pike.....	12,968	2,853	92	262,476	3 25	8,530	92	2 60
Pope.....	7,991	1,658	*101	177,558	*3 30	5,859	*93	3 15
Pulaski.....	1,216	267	100	26,700	4 50	1,201	100	4 35
Putnam.....	2,391	526	125	65,750	4 00	2,630	100	3 75
Randolph.....	9,510	2,092	*101	211,292	*3 30	6,973	100	*3 15
Richland.....	11,536	2,538	*101	256,338	2 50	6,408	90	2 00
Rock Island.....	2,885	685	*101	64,135	*3 30	2,116	*93	*3 15
Saline.....	8,290	1,825	*101	184,224	*3 30	6,079	*93	*3 15
Sangamon.....	15,915	3,501	95	332,595	3 85	12,805	95	3 50
Schuyler.....	6,857	1,508	120	180,960	3 25	5,881	92	2 70
Scott.....	3,780	832	110	91,520	3 75	3,432	75	3 00
Shelby.....	22,091	4,860	97	471,420	4 05	19,092	91	3 60
Stark.....	7,034	1,547	105	162,435	3 35	5,441	100	3 15
St. Clair.....	5,646	1,242	96	119,232	2 70	3,219	100	3 00
Stephenson.....	8,394	1,847	95	175,465	3 65	6,404	95	3 75
Tazewell.....	10,616	2,335	100	233,500	3 25	7,589	110	2 75
Union.....	5,511	1,212	83	100,596	3 00	3,018	97	3 65
Vermilion.....	27,639	6,080	105	638,400	3 25	20,748	100	*3 15
Wabash.....	5,226	1,150	92	105,800	2 85	3,015	71	2 50
Warren.....	6,133	1,349	107	144,343	3 20	4,619	85	3 35
Washington.....	5,738	1,262	137	172,894	3 25	5,619	80	3 25
Wayne.....	16,846	3,706	113	418,778	3 15	13,191	103	2 40
White.....	7,142	1,571	103	161,813	3 85	6,230	100	4 25
Whiteside.....	5,055	1,112	90	100,080	3 00	3,002	75	3 00
Will.....	5,091	1,120	142	159,040	4 35	6,918	88	3 05
Williamson.....	10,687	2,351	96	225,696	2 50	5,642	96	2 70
Winnebago.....	10,635	2,340	93	217,620	3 50	7,617	91	4 00
Woodford.....	5,057	1,112	100	111,200	3 25	3,614	100	3 25
Total or average.....	933,330	205,322	100	20,693,042	\$3 30	\$679,758	93	\$3 15

\* Estimated.

† 22 per cent. of the number assessed.

## WOOL.

COUNTIES.	Number pounds shorn in 1883— assessors' re- turns.....	Clip of 1884, com- pared with 1883..	Number of pounds shorn in 1884.....	Price per pound..	Value of product..
Adams .....	71,551	100	71,551	\$0 20	\$14,310
Alexander .....	1,017	102	1,037	28	290
Bond .....	37,842	93	35,193	21	7,390
Boone .....	49,680	88	43,718	20	8,744
Brown .....	20,290	97	39,089	19	7,427
Bureau .....	76,908	90	67,217	14	9,690
Calhoun .....	4,082	*93	3,796	*22	835
Carroll .....	16,819	82	13,791	14	1,931
Cass .....	8,429	93	7,839	18	1,411
Champaign .....	78,635	87	68,412	*22	15,051
Christian .....	125,299	102	127,805	20	25,561
Clark .....	31,748	103	32,700	20	6,540
Clay .....	46,122	105	43,428	20	9,686
Clinton .....	32,013	100	32,013	30	9,604
Coles .....	38,064	93	35,399	27	9,558
Cook .....	12,440	100	12,440	*22	2,737
Crawford .....	61,168	95	58,110	19	11,041
Cumberland .....	21,565	75	16,174	23	3,720
DeKalb .....	50,542	72	36,390	17	6,186
DeWitt .....	76,979	100	76,979	20	15,396
Douglas .....	29,808	90	26,827	25	6,707
DuPage .....	39,177	83	32,517	22	7,154
Edgar .....	81,084	90	72,976	24	17,514
Edwards .....	54,367	100	54,367	*22	11,961
Effingham .....	32,373	104	33,668	20	6,734
Fayette .....	53,217	100	53,217	22	11,708
Ford .....	17,247	87	15,005	18	2,701
Franklin .....	2,642	98	2,589	30	777
Fulton .....	101,357	92	93,248	21	19,582
Gallatin .....	8,500	95	8,075	20	1,615
Greene .....	41,480	67	27,792	18	5,002
Grundy .....	12,523	98	12,272	20	2,454
Hamilton .....	21,113	96	20,268	24	4,864
Hancock .....	32,516	*93	30,240	*22	6,653
Hardin .....	1,180	77	909	35	318
Henderson .....	*18,287	97	17,738	*22	3,902
Henry .....	52,451	99	51,926	16	8,308
Iroquois .....	36,260	92	33,365	25	8,341
Jackson .....	17,283	*93	16,073	32	5,143
Ja-per .....	34,940	80	27,952	22	6,149
Jefferson .....	31,037	105	32,589	27	8,799
Jersey .....	*39,171	105	41,129	20	8,226
JoDavies .....	54,109	95	51,403	17	8,738
Johnson .....	5,532	86	4,757	30	1,427
Kane .....	48,286	91	43,910	24	10,546
Kankakee .....	19,533	93	18,166	18	3,270
Kendall .....	38,064	93	35,399	22	7,788
Knox .....	76,278	101	77,041	*22	16,949
Lake .....	278,929	90	251,036	26	62,269
LaSalle .....	74,553	96	71,571	22	15,746
Lawrence .....	42,788	100	49,788	22	9,413
Lee .....	*35,000	100	35,000	20	7,000

## WOOL.—Continued.

COUNTIES.	Number pounds shorn in 1883— assessors' re- turns .....	Clip of 1884, com- pared with 1883..	Number of pounds shorn in 1884.....	Price per pound..	Value of product..
Livingston.....	32,920	95	31,274	\$0 24	\$7,506
Logan.....	40,452	102	41,261	20	8,252
Macon.....	48,486	90	43,640	19	8,292
Macoupin.....	107,252	94	101,817	*22	22,180
Madison.....	55,469	100	55,469	18	9,934
Marion.....	52,521	100	52,521	28	14,706
Marshall.....	*42,627	105	44,758	12	5,371
Mason.....					
Massac.....	3,955	93	3,678	37	1,361
McDonough.....	*44,285	80	35,420	23	8,147
McHenry.....	214,695	86	185,638	22	40,620
McLean.....	163,454	93	152,012	22	33,443
Menard.....	19,575	91	17,813	19	3,384
Mercer.....	32,981	87	28,693	17	4,878
Monroe.....	5,304	*93	4,933	*22	1,085
Montgomery.....	74,146	96	71,180	20	14,236
Morgan.....	*63,250	90	56,925	19	10,816
Moultrie.....	15,826	97	15,351	20	3,070
Ogle.....	60,159	96	57,753	20	11,551
Peoria.....	44,758	87	38,939	18	7,009
Perry.....	*8,583	97	8,325	23	1,915
Piatt.....	16,499	97	16,004	19	3,041
Pike.....	54,446	100	54,476	21	11,434
Pope.....	*19,170	100	19,170	*22	4,218
Pulaski.....	9,775	100	9,575	25	2,394
Putnam.....	16,825	93	16,488	20	3,298
Randolph.....	44,494	86	38,265	28	10,714
Richland.....	52,420	98	51,372	21	10,788
Rock Island.....	13,385	95	12,716	33	4,832
Saline.....	16,560	105	15,288	25	3,822
Sangamon.....	85,467	103	88,031	15	13,205
Schuyler.....	26,012	93	24,191	17	4,112
Scott.....	13,669	82	11,208	21	2,354
Shelby.....	89,923	100	89,923	21	18,884
Stark.....	47,997	98	47,037	19	8,937
St. Clair.....	27,459	98	26,910	19	5,113
Stephenson.....	51,351	89	45,702	19	8,633
Tazewell.....	55,553	100	55,553	17	9,444
Union.....	10,125	97	9,882	33	3,241
Vermilion.....	148,947	92	137,031	18	24,665
Wabash.....	26,239	97	25,452	20	5,090
Warren.....	46,028	88	40,505	18	7,291
Washington.....	18,790	90	16,911	35	5,919
Wayne.....	51,034	99	50,524	30	15,157
White.....	22,848	97	22,162	21	4,654
Whiteside.....	25,909	90	23,318	16	3,731
Will.....	32,004	95	30,404	37	11,249
Williamson.....	15,493	95	14,718	28	4,121
Winnebago.....	83,014	90	74,713	16	11,954
Woodford.....	22,711	98	22,261	20	4,452
Total or average.....	4,584,935	94	4,301,024	\$0 21	\$912,418

\* Estimated.



## VALUE OF ANIMAL PRODUCTS 1884.

COUNTIES.	Value cattle marketed.....	Value hogs marketed.....	Value sheep marketed.....	Total value live stock marketed..	Value dairy products.....	Value wool shorn.	Total value animal products....
Adams.....	\$324,106	\$407,311	\$11,361	\$742,778	\$35,720	\$14,310	\$92,808
Alexander.....	10,519	25,792	520	36,831	598	290	37,719
Bond.....	46,421	83,742	36,831	136,536	35,536	7,390	179,462
Boone.....	222,891	168,300	5,127	396,318	677,874	8,744	1,082,936
Brown.....	117,334	163,645	5,139	286,117	12,008	7,427	305,553
Bureau.....	537,282	655,947	6,516	286,118	166,223	9,690	1,375,658
Calhoun.....	31,905	58,940	650	91,495	881	835	93,211
Carroll.....	350,973	358,168	2,286	711,427	89,751	1,931	803,119
Cass.....	163,930	148,684	1,462	314,076	3,060	1,411	418,547
Champaign.....	332,845	454,930	8,743	796,518	32,371	15,051	843,940
Christian.....	302,656	349,590	11,344	663,590	42,878	25,561	732,029
Clark.....	108,935	139,469	6,784	255,188	16,997	6,540	278,725
Clay.....	67,116	115,704	6,158	183,978	5,751	9,686	204,415
Clinton.....	31,860	75,314	6,890	114,064	26,817	9,604	150,485
Coles.....	275,547	279,121	5,404	560,072	22,069	9,558	591,699
Cook.....	403,801	134,894	2,281	540,976	1,059,709	2,737	1,603,422
Crawford.....	72,115	143,392	10,397	225,904	11,442	11,041	248,387
Cumberland.....	73,087	94,944	3,287	171,318	6,744	3,720	181,782
DeKalb.....	542,569	478,964	5,977	1,027,510	876,830	6,186	1,910,526
DeWitt.....	135,477	237,395	11,283	384,155	30,433	15,396	429,984
Douglas.....	172,109	101,936	5,292	279,337	9,099	6,707	295,143
DuPage.....	194,656	52,044	2,472	249,172	1,075,186	7,154	1,331,512
Edgar.....	302,984	284,194	10,542	598,720	35,871	17,514	652,105
Edwards.....	71,954	93,722	10,838	176,514	7,402	11,961	195,877
Effingham.....	97,490	92,316	5,086	194,892	14,269	6,734	215,895
Fayette.....	95,720	224,980	8,737	329,437	18,340	11,708	359,485
Ford.....	149,563	146,499	3,830	299,892	21,913	2,701	324,506
Franklin.....	39,827	98,680	2,900	141,407	354	777	142,538
Fulton.....	395,576	677,622	16,861	1,090,059	55,299	19,582	1,164,940
Gallatin.....	23,600	69,608	2,186	95,394	9,400	1,615	106,409
Greene.....	226,862	220,618	3,869	451,349	25,477	5,002	481,828
Grundy.....	218,039	142,862	2,008	362,909	99,099	2,454	464,462
Hamilton.....	76,366	149,617	5,419	231,402	2,225	4,864	238,491
Hancock.....	435,215	407,115	5,126	847,456	57,230	6,653	911,339
Hardin.....	11,340	65,276	1,976	78,592	215	318	79,125
Henderson.....	205,121	198,361	858	404,340	14,488	3,902	422,730
Henry.....	495,412	528,828	6,204	1,030,444	116,078	8,308	1,154,830
Iroquois.....	478,723	418,760	5,740	903,223	53,421	8,341	964,985
Jackson.....	42,552	97,374	1,635	141,561	12,279	5,143	158,983
Jasper.....	103,779	130,226	6,711	240,716	6,884	6,149	253,749
Jefferson.....	74,610	142,624	8,354	225,588	17,365	8,799	251,752
Jersey.....	93,848	156,704	4,481	255,033	18,948	8,226	282,207
JoDaviss.....	418,677	332,174	6,969	757,820	108,582	8,738	875,140
Johnson.....	24,512	97,425	4,574	126,511	424	1,427	128,362
Kane.....	490,780	259,476	6,551	756,807	1,945,326	10,549	2,712,679
Kankakee.....	269,645	83,129	3,090	355,864	84,906	3,270	444,040
Kendall.....	200,431	197,681	4,983	403,095	119,581	7,788	530,464
Knox.....	485,212	498,590	13,010	996,812	92,211	16,949	1,105,972
Lake.....	291,750	116,875	37,250	445,875	521,121	65,269	1,032,265
LaSalle.....	708,284	792,787	11,335	1,512,406	190,944	15,746	1,719,096
Lawrence.....	73,799	83,725	9,283	166,807	10,147	9,413	186,367
Lee.....	401,461	341,658	4,552	747,671	324,958	7,000	1,083,629

## VALUE OF ANIMAL PRODUCTS 1884--Continued.

COUNTIES.	Value cattle marketed.....	Value hogs marketed.....	Value sheep marketed.....	Total value live stock marketed..	Value dairy products.....	Value wool shorn.	Total value animal products.....
Livingston .....	\$388,631	\$597,088	\$6,976	\$992,395	\$122,227	\$7,506	\$1,122,128
Logan .....	267,020	426,533	5,944	699,491	32,416	\$8,252	740,160
Macon .....	288,775	317,663	6,635	613,073	40,645	8,292	662,010
Macoupin .....	290,650	321,417	13,825	625,892	87,059	22,180	735,131
Madison .....	94,182	282,174	5,431	381,787	92,002	9,984	483,773
Marion .....	88,774	89,747	9,159	187,680	18,089	14,706	220,475
Marshall .....	226,966	320,993	4,383	542,342	20,966	5,371	568,679
Mason .....	76,885	205,916	405	183,206	.....	.....	183,206
Massac .....	20,731	53,463	677	74,871	12,061	1,361	88,293
McDonough .....	297,053	377,185	6,999	681,222	33,350	8,147	722,719
McHenry .....	486,720	253,591	23,131	767,442	1,440,962	40,620	2,249,024
McLean .....	720,899	1,820,865	20,794	1,562,558	105,474	33,443	1,701,475
Menard .....	163,952	157,959	3,460	325,361	17,714	3,384	316,459
Mercer .....	393,346	370,654	4,685	768,685	80,009	4,878	853,572
Monroe .....	38,138	81,426	1,260	120,823	8,656	1,085	130,564
Montgomery .....	137,724	330,570	10,488	478,782	34,529	14,236	527,547
Morgan .....	272,981	219,871	7,910	500,762	82,678	10,816	594,256
Moultrie .....	101,745	136,001	2,428	240,174	9,335	3,070	252,579
Ogle .....	531,556	518,827	6,856	1,057,259	235,676	11,551	1,304,466
Peoria .....	334,829	384,220	6,622	725,671	67,023	7,009	799,703
Perry .....	33,820	42,947	2,379	79,146	8,763	1,915	88,824
Piatt .....	163,782	224,205	3,025	391,012	11,551	3,041	405,604
Pike .....	242,129	391,899	8,530	642,458	17,887	11,434	671,789
Pope .....	30,996	108,064	5,859	144,919	462	4,217	149,598
Pulaski .....	21,120	38,137	1,201	60,508	3,556	2,394	66,458
Putnam .....	86,526	134,223	2,630	223,379	9,919	3,298	236,596
Randolph .....	103,668	137,509	6,973	248,150	29,982	10,714	288,846
Richland .....	59,140	36,541	6,408	102,089	11,096	10,788	123,973
Rock Island .....	222,809	209,688	2,116	434,609	102,585	4,832	542,026
Saline .....	61,630	132,181	6,079	199,890	3,170	3,822	206,882
Sangamon .....	578,085	446,555	12,805	1,037,445	84,806	13,205	1,135,456
Schuyler .....	210,266	242,273	5,881	458,420	18,094	4,112	480,626
Scott .....	89,661	133,469	3,432	226,562	3,500	2,354	232,416
Shelby .....	286,794	357,395	19,092	663,281	16,827	18,884	698,992
Stark .....	181,800	423,693	5,441	610,934	18,540	8,937	638,411
St. Clair .....	97,790	212,815	3,219	313,824	75,404	5,113	394,341
Stephenson .....	372,425	474,444	6,404	853,273	215,444	8,633	1,077,350
Tazewell .....	302,355	312,808	7,589	622,752	69,472	9,444	701,668
Union .....	36,604	101,995	3,018	141,617	9,549	3,241	154,407
Vermilion .....	566,410	439,387	20,748	1,026,545	35,700	24,665	1,086,910
Wabash .....	36,257	51,375	3,015	90,647	5,473	5,090	101,210
Warren .....	309,868	439,976	4,619	754,463	45,775	7,291	807,529
Washington .....	75,337	100,788	5,619	181,744	17,769	5,919	205,432
Wayne .....	121,856	135,550	13,191	270,597	7,274	15,157	293,028
White .....	82,548	191,939	6,230	280,711	5,941	4,654	291,312
Whiteside .....	342,960	355,914	3,002	701,876	236,798	3,731	942,405
Will .....	541,301	206,836	6,918	755,055	375,687	11,249	1,141,391
Williamson .....	46,862	146,231	5,642	198,735	7,664	4,121	210,520
Winnebago .....	351,090	300,713	7,617	659,420	367,686	11,954	1,039,060
Woodford .....	131,550	308,453	3,614	443,617	28,030	4,452	476,099
Total .....	\$22,521,246	\$24,886,854	\$679,758	\$48,087,858	\$12,611,419	\$912,418	\$61,611,695

## DISTRIBUTION OF HORSES.

Counties.	Average Number to Each Square Mile.				
	1880.	1881.	1882.	1883.	1884.
Adams .....	14	15	15	14	15
Alexander .....	8	8	7	7	6
Bond .....	15	16	14	14	14
Boone .....	19	20	21	22	23
Brown .....	10	14	14	15	16
Bureau .....	18	18	18	19	20
Calhoun .....	9	8	8	8	6
Carroll .....	17	17	17	18	17
Cass .....	11	10	11	12	12
Champaign .....	18	18	18	18	12
Christian .....	17	18	18	18	18
Clark .....	13	13	12	12	12
Clay .....	12	12	11	12	12
Clinton .....	11	11	11	10	10
Coles .....	20	19	19	19	19
Cook .....	38	41	44	43	45
Crawford .....	12	12	12	12	11
Cumberland .....	14	14	12	12	12
DeKalb .....	21	23	22	23	23
DeWitt .....	19	20	20	20	19
Douglas .....	19	19	20	19	19
DuPage .....	19	19	19	18	19
Edgar .....	18	17	18	18	18
Edwards .....	15	15	14	14	14
Effingham .....	13	13	12	12	13
Fayette .....	14	15	14	14	14
Ford .....	15	12	13	13	14
Franklin .....	10	9	9	10	10
Fulton .....	18	18	18	18	18
Gallatin .....	10	10	10	10	10
Greene .....	14	14	14	15	14
Grundy .....	19	19	19	19	18
Hamilton .....	12	12	11	11	12
Hancock .....	20	19	20	19	18
Hardin .....	8	8	7	8	7
Henderson .....	16	16	17	17	17
Henry .....	23	23	24	23	22
Iroquois .....	19	18	18	18	18
Jackson .....	8	8	8	8	8
Jasper .....	11	12	11	11	11
Jefferson .....	12	13	12	12	12
Jersey .....	14	14	14	14	14
JoDavies .....	16	16	16	16	16
Johnson .....	8	8	7	7	7
Kane .....	21	22	23	23	24
Kankakee .....	12	12	11	7	11
Kendall .....	24	22	22	21	21
Knox .....	23	25	22	23	23
Lake .....	13	14	15	15	15
LaSalle .....	24	24	24	23	23
Lawrence .....	13	13	12	12	12
Lee .....	18	17	16	17	16



DISTRIBUTION OF HORSES—*Continued.*

Counties.	Average Number to Each Square Mile.				
	1880.	1881.	1882.	1883.	1884.
Livingston .....	21	21	22	22	22
Logan .....	18	18	19	19	18
Macon .....	20	21	21	21	21
Macoupin .....	18	18	18	18	19
Madison .....	16	16	15	14	14
Marion .....	14	14	12	13	14
Marshall .....	18	18	18	18	18
Mason .....	9	9	9	8	8
Massac .....	7	8	7	6	5
McDonough .....	22	23	24	24	23
McHenry .....	19	19	19	19	20
McLean .....	22	22	23	22	23
Menard .....	15	12	12	12	13
Mercer .....	21	21	22	21	22
Monroe .....	8	8	8	7	8
Montgomery .....	18	18	18	18	18
Morgan .....	10	12	12	12	11
Moultrie .....	19	20	20	20	18
Ogle .....	21	22	22	22	22
Peoria .....	21	21	21	21	21
Perry .....	9	9	8	9	9
Piatt .....	17	21	19	19	18
Pike .....	13	13	13	13	13
Pope .....	9	9	8	7	8
Pulaski .....	7	7	6	7	7
Putnam .....	20	18	19	18	19
Randolph .....	12	12	11	11	9
Richland .....	12	11	11	10	10
Rock Island .....	19	19	20	18	19
Saline .....	8	8	8	8	8
Sangamon .....	20	21	21	20	21
Schuyler .....	16	16	16	15	15
Scott .....	15	16	16	15	16
Shelby .....	18	17	5	18	18
Stark .....	26	25	25	24	24
St. Clair .....	12	12	11	11	13
Stephenson .....	20	20	21	31	20
Tazewell .....	18	18	16	18	18
Union .....	10	12	12	11	10
Vermilion .....	19	20	20	19	19
Wabash .....	10	11	10	9	9
Warren .....	23	24	24	24	23
Washington .....	13	12	11	12	11
Wayne .....	10	10	9	8	8
White .....	12	12	11	11	11
Whiteside .....	20	19	20	16	20
Will .....	18	18	18	18	18
Williamson .....	10	10	9	10	11
Winnebago .....	19	19	21	21	22
Woodford .....	20	20	21	20	20
Average .....	17	17	17	17	17

## HORSES.

Counties.	NUMBER COLTS FOALIED.					Number horses and colts, May, 1882	Number horses and colts, May, 1883	Number horses and colts, May, 1884	Number horses and colts, May, 1885
	1879.	1880.	1881.	1882.	1883.				
Adams		807	912	866	899	12,132	11,836	12,208	
Alexander		46	64	52	236	1,233	1,211	1,138	
Bond			504	480	677	5,715	5,537	5,438	
Boone	360	499	610	566	690	5,852	6,057	6,313	
Brown	415	450	468	434	428	4,324	4,409	4,641	
Bureau	1,763	1,925	1,837	1,782	2,116	15,675	16,458	16,997	
Calhoun	141	132	172	54	80	2,071	2,016	1,861	
Carroll		823	1,003	712	771	7,938	8,095	8,458	
Cass	291	290	354	335	371	4,199	4,729	4,608	
Champaign	1,289	1,413	1,724	1,612	1,514	17,734	17,831	17,476	
Christian	1,013	1,151	1,050	1,091	1,271	12,966	12,738	12,804	
Clark	373	360	415	382	436	6,147	5,924	5,900	
Clay		453	406			4,750	4,906	5,194	
Clinton	324	418	426	419	526	4,849	5,057	5,041	
Coles		456	683	734	767	9,467	9,617	9,670	
Cook			921	834	917	35,036	34,616	36,032	
Crawford	336	390	495	415	375	4,977	4,153	4,938	
Cumberland	191	255	266	319	369	4,073	4,294	4,192	
DeKalb	1,260	1,421	1,543	1,351	1,616	14,043	14,345	14,315	
DeWitt	620	796	787	515	821	7,970	7,858	7,564	
Douglas	247	619	415	565	703	8,303	7,789	8,128	
DuPage	550	642	491	438	570	6,117	5,820	6,082	
Edgar	459	853	886	991	1,034	11,048	11,003	11,313	
Edwards	186	164	197	170	259	3,051	3,057	3,027	
Effingham	329	339	393	323	465	5,039	5,365	5,628	
Fayette	470	610	475	522	594	9,151	9,219	9,937	
Ford		582	660	720	696	6,336	6,550	6,724	
Franklin	168			53	*53	3,605	3,971	4,040	
Fulton	1,442	1,628	1,658	1,695	1,837	15,738	15,944	15,676	
Gallatin		188	381	400	395	3,039	3,077	3,008	
Greene		731	900	724	830	7,320	8,151	6,586	
Grundy	509	592	582	653	725	8,313	7,939	7,805	
Hamilton		352	475	27	356	4,651	4,814	5,084	
Hancock		1,449	1,432	1,275	1,351	15,326	14,868	15,108	
Hardin	72	74	58	57	35	1,213	1,356	1,269	
Henderson	556	655	774	717	*717	6,259	6,270	6,396	
Henry	1,686	1,836	2,576	1,742	1,772	19,070	18,749	17,965	
Iroquois	1,446	1,720	1,637	1,880	2,048	20,128	20,008	19,575	
Jackson		317	330	257	301	4,122	4,122	4,082	
Jasper	269	355	406	289	369	5,312	5,248	5,469	
Jefferson			431	438	532	9,319	6,519	6,512	
Jersey			250	277	*277	5,104	5,024	4,987	
Jo Daviess	695	863	848	1,011	9,298	9,539	9,621	9,621	
Johnson	243	209	158	190	183	2,264	2,462	2,351	
Kane	611	806	758	737	904	11,463	11,829	12,130	
Kankakee	738	857	977	732	767	7,554	7,600	7,519	
Kendall	494	487	470	285	447	7,118	6,677	6,770	
Knox	1,693	1,294	1,891	1,845	1,863	15,562	16,474	16,413	
Lake	83	546			630	6,686	6,789	6,702	
LaSalle	435	2,535	2,425	1,730	2,987	26,996	25,857	25,947	
Lawrence	307	248	316	225	249	4,328	4,347	4,402	
Lee		1,017				11,629	12,316	11,995	

## HORSES—Continued.

Counties.	NUMBER COLTS FOALD.					Number horses and colts, May, 1882	Number horses and colts, May, 1883	Number horses and colts, May, 1884
	1879.	1880.	1881.	1882.	1883.			
Livingston .....	1,501	1,925	2,533	1,955	2,389	22,141	22,423	22,141
Logan .....	751	881	1,022	979	1,161	11,693	11,696	11,328
Macon .....	819	1,138	1,188	1,060	1,198	11,938	12,117	12,057
Macoupin .....	666	1,257	1,446	1,137	1,300	15,578	15,675	15,904
Madison .....	500	750	2,566	876	737	10,263	10,113	9,859
Marion .....	414	605	555	420	298	6,556	7,158	7,295
Marshall .....	660	550	561	.....	*561	7,072	7,082	7,037
Mason .....	.....	.....	.....	.....	.....	5,022	4,392	4,319
Massac .....	98	54	79	58	100	1,518	1,450	1,238
McDonough .....	.....	1,535	784	1,440	*1,440	13,779	13,566	13,002
McHenry .....	789	909	1,087	1,039	1,188	11,495	11,656	11,856
McLean .....	2,208	2,497	2,923	2,974	3,283	36,547	26,175	26,809
Menard .....	396	533	541	312	550	3,760	3,866	4,030
Mercer .....	1,360	1,530	1,398	1,434	1,618	11,755	11,473	12,379
Monroe .....	142	174	165	148	139	2,904	2,823	2,841
Montgomery .....	741	852	1,124	926	1,145	12,437	12,698	13,497
Morgan .....	450	621	532	.....	*532	6,657	6,531	6,405
Moultrie .....	.....	571	409	590	593	6,664	6,632	6,002
Ogle .....	1,314	1,364	1,431	1,202	1,645	16,574	16,316	16,824
Peoria .....	966	930	1,097	890	1,053	12,809	12,651	12,866
Perry .....	123	43	82	137	*137	3,254	3,419	3,412
Piatt .....	419	411	701	678	416	8,773	8,574	8,361
Pike .....	80	730	548	630	618	10,376	10,232	10,599
Pope .....	264	118	238	223	*223	2,786	2,750	2,892
Pulaski .....	300	275	.....	54	139	1,102	1,171	1,253
Putnam .....	296	324	375	265	458	3,130	3,012	3,121
Randolph .....	392	417	430	423	498	6,218	6,231	5,054
Richland .....	.....	300	253	253	280	4,857	3,664	3,597
Rock Island .....	545	747	841	960	901	8,254	7,654	7,795
Saline .....	222	224	245	237	167	2,846	3,165	3,132
Sangamon .....	1,323	1,344	1,669	1,561	1,719	18,151	17,315	18,336
Schuyler .....	586	657	738	647	740	6,908	6,684	6,756
Scott .....	.....	270	238	213	141	3,999	4,811	3,991
Shelby .....	.....	.....	840	900	896	13,730	13,634	13,538
Stark .....	544	751	663	687	772	7,009	6,889	6,769
St. Clair .....	364	380	603	635	810	7,274	7,433	8,383
Stephenson .....	944	1,021	1,124	1,082	1,125	11,470	11,714	11,364
Tazewell .....	.....	1,207	1,194	1,175	1,294	10,359	11,801	11,711
Union .....	244	228	311	246	184	4,046	4,020	3,881
Vermilion .....	1,085	1,293	1,347	1,460	1,371	17,429	17,224	17,056
Wabash .....	124	201	222	184	90	2,474	2,269	2,275
Warren .....	1,464	1,505	1,659	1,733	2,128	12,768	12,990	12,563
Washington .....	470	532	521	518	724	5,918	6,740	6,103
Wayne .....	506	611	524	246	469	6,202	6,034	5,891
White .....	346	365	392	286	264	5,405	5,236	5,249
Whiteside .....	.....	1,439	1,329	1,221	1,288	13,218	12,910	13,349
Will .....	1,208	1,376	1,338	1,400	377	15,021	15,040	14,747
Williamson .....	314	425	336	262	230	3,769	3,961	4,321
Winnebago .....	647	750	890	929	1,315	10,367	10,743	10,890
Woodford .....	986	1,050	1,066	1,037	1,020	11,147	10,763	10,772
Total .....	49,952	72,764	80,150	71,843	81,618	913,005	915,136	916,909

\* Total



## DISTRIBUTION OF CATTLE.

COUNTIES.	Average Number to Each Square Mile.				
	1880.	1881.	1882.	1883.	1884.
Adams .....	30	29	30	24	29
Alexander .....	17	15	13	13	12
Bond .....	26	23	16	16	18
Boone .....	69	70	74	73	70
Brown .....	31	32	33	80	31
Bureau .....	45	48	49	49	46
Calhoun .....	16	15	14	12	11
Carroll .....	64	69	67	66	61
Cass .....	27	27	26	30	29
Champaign .....	28	31	35	32	31
Christian .....	35	41	38	34	33
Clark .....	22	22	22	23	24
Clay .....	25	26	22	24	23
Clinton .....	18	17	14	14	14
Coles .....	43	44	55	42	42
Cook .....	50	50	50	49	49
Crawford .....	18	21	18	20	20
Cumberland .....	24	24	24	24	24
DeKalb .....	72	74	76	75	72
DeWitt .....	36	37	43	37	37
Douglas .....	44	50	48	44	45
DuPage .....	67	70	67	66	68
Edgar .....	49	47	46	43	44
Edwards .....	38	36	27	29	34
Effingham .....	23	26	21	20	22
Fayette .....	27	25	21	20	20
Ford .....	20	19	22	22	24
Franklin .....	13	11	10	14	16
Fulton .....	40	43	43	42	41
Gallatin .....	20	18	15	17	17
Greene .....	33	33	31	31	31
Grundy .....	42	44	46	42	43
Hamilton .....	25	11	16	19	24
Hancock .....	42	45	45	43	42
Hardin .....	16	15	15	15	16
Henderson .....	36	39	40	41	42
Henry .....	55	55	56	54	53
Iroquois .....	30	32	37	36	39
Jackson .....	15	15	13	14	15
Jasper .....	21	24	21	22	24
Jefferson .....	20	22	15	18	20
Jersey .....	22	23	52	21	22
JoDavies .....	65	66	67	66	64
Johnson .....	13	12	11	15	14
Kane .....	91	89	89	91	93
Kankakee .....	55	27	27	28	30
Kendall .....	62	60	61	62	59
Knox .....	52	55	48	48	56
Lake .....	45	41	46	49	49
LaSalle .....	47	48	48	46	47
Lawrence .....	23	25	21	23	24
Lee .....	48	52	54	51	50

DISTRIBUTION OF CATTLE—*Continued.*

COUNTIES.	Average Number to Each Square Mile.				
	1880.	1881.	1882.	1883.	1884.
Livingston.....	29	30	32	33	33
Logan.....	34	33	33	30	29
Macon.....	31	35	35	34	34
Macoupin.....	37	36	31	28	30
Madison.....	20	19	17	46	18
Marion.....	27	24	19	20	21
Marshall.....	37	38	39	38	39
Mason.....	12	13	15	13	12
Massac.....	17	16	11	15	14
McDonough.....	44	47	48	45	46
McHenry.....	71	72	74	76	78
McLean.....	42	42	44	43	43
Menard.....	36	26	28	28	32
Mercer.....	58	65	65	61	58
Monroe.....	10	11	10	10	10
Montgomery..	29	30	25	24	25
Morgan.....	28	32	29	30	32
Moultrie.....	35	39	38	35	33
Ogle.....	69	70	69	67	66
Peoria.....	49	56	56	60	63
Perry.....	14	14	12	13	12
Piatt.....	30	34	36	35	32
Pike.....	27	27	25	24	24
Pope.....	15	16	15	15	17
Pulaski.....	16	15	13	14	16
Putnam.....	40	41	43	43	41
Randolph.....	19	19	15	15	17
Richland.....	29	29	21	20	22
Rock Island.....	55	53	53	40	48
Saline.....	14	14	12	14	16
Sangamon.....	51	51	49	45	46
Schuyler.....	39	40	38	36	38
Scott.....	28	30	28	26	25
Shelby.....	32	34	31	31	32
Stark.....	49	50	50	66	47
St. Clair.....	15	17	14	15	17
Stephenson.....	62	66	65	65	65
Tazewell.....	35	36	35	34	33
Union.....	17	18	17	19	20
Vermilion.....	43	45	44	39	37
Wabash.....	23	23	20	18	20
Warren.....	48	54	53	52	47
Washington.....	23	23	15	17	16
Wayne.....	27	26	19	21	23
White.....	22	23	19	20	22
Whiteside.....	58	59	63	58	55
Will.....	54	52	50	50	48
Williamson.....	13	13	13	15	20
Winnebago.....	60	61	52	62	63
Woodford.....	35	36	39	38	36
Average.....	38	38	37	36	36

## DISTRIBUTION OF HOGS.

Counties.	Average Number to Each Square Mile.				
	1880.	1881.	1882.	1883.	1884.
Adams .....	70	65	98	71	59
Alexander .....	33	34	15	19	23
Bond .....	36	37	20	36	30
Boone .....	55	58	105	07	63
Brown .....	71	65	77	71	59
Bureau .....	85	70	07	102	74
Calhoun .....	36	37	35	27	24
Carroll .....	77	72	128	102	74
Cass .....	34	27	40	45	42
Champaign .....	58	55	78	76	53
Christian .....	67	74	82	77	62
Clark .....	42	33	27	40	38
Clay .....	40	36	16	32	36
Clinton .....	28	28	28	39	23
Coles .....	70	62	66	58	63
Cook .....	10	17	21	24	16
Crawford .....	47	41	22	43	41
Cumberland .....	46	47	27	44	41
DeKalb .....	68	69	121	102	73
DeWitt .....	72	64	103	60	68
Decugas .....	63	55	42	66	59
DuPage .....	46	42	57	50	43
Edgar .....	52	51	60	62	48
Edwards .....	60	49	35	53	53
Effingham .....	36	34	26	29	29
Fayette .....	52	41	18	31	42
Ford .....	47	42	43	42	41
Franklin .....	38	31	18	36	38
Fulton .....	83	78	111	107	78
Gallatin .....	48	41	30	38	38
Greene .....	50	45	62	72	49
Grundy .....	40	33	32	37	28
Hamilton .....	37	31	17	28	53
Hancock .....	76	66	74	58	51
Hardin .....	54	42	16	21	45
Henderson .....	73	60	84	88	61
Henry .....	107	96	126	118	84
Iroquois .....	50	45	44	57	42
Jackson .....	38	29	17	27	30
Jasper .....	37	41	19	27	35
Jefferson .....	40	40	16	35	36
Jersey .....	55	50	65	71	40
JoDaviess .....	68	66	84	74	61
Johnson .....	45	40	16	34	43
Kane .....	54	53	62	62	51
Kankakee .....	20	18	43	33	14
Kendall .....	77	70	100	89	64
Knox .....	80	78	126	115	82
Lake .....	29	24	30	32	28
LaSalle .....	50	54	77	72	56
Lawrence .....	48	36	26	41	36
Lee .....	44	41	41	39	43



DISTRIBUTION OF HOGS.—*Continued.*

Counties.	Average Number to Each Square Mile.				
	1880.	1881.	1882.	1883.	1884.
Livingston .....	73	65	101	87	57
Logan .....	71	66	105	156	69
Macon .....	81	74	102	99	72
Macoupin .....	59	55	65	54	51
Madison .....	50	54	47	58	44
Marion .....	40	34	18	27	32
Marshall .....	75	68	85	79	72
Mason .....	27	24	24	22	23
Massac .....	63	38	16	25	33
McDonough .....	99	96	56	77	80
McHenry .....	46	44	66	57	43
McLean .....	82	75	99	99	75
Menard .....	55	46	66	46	56
Mercer .....	99	85	115	107	86
Monroe .....	33	29	22	21	26
Montgomery .....	60	57	43	58	53
Morgan .....	24	41	64	41	42
Moultrie .....	66	53	54	64	57
Ogle .....	68	67	82	81	74
Peoria .....	72	67	123	89	71
Perry .....	23	24	8	21	15
Piatt .....	61	57	66	70	67
Pike .....	68	59	48	53	52
Pope .....	43	45	17	24	46
Pulaski .....	25	25	19	30	29
Putnam .....	68	53	97	110	61
Randolph .....	39	33	23	34	31
Richland .....	37	33	21	34	25
Rock Island .....	76	68	100	83	57
Saline .....	46	36	43	26	42
Sangamon .....	80	74	78	76	62
Schuyler .....	72	66	76	71	66
Scott .....	71	67	95	136	62
Shelby .....	65	61	53	60	56
Stark .....	113	109	172	154	119
St. Clair .....	35	31	31	32	31
Stephenson .....	80	83	138	112	85
Tazewell .....	58	51	80	74	55
Union .....	51	47	31	31	44
Vermillion .....	66	62	61	64	56
Wabash .....	29	31	35	44	33
Warren .....	101	89	146	150	85
Washington .....	29	26	16	26	26
Wayne .....	33	28	15	33	24
White .....	54	44	26	47	48
Whiteside .....	61	55	77	72	54
Will .....	35	51	37	26	26
Williamson .....	48	38	21	29	52
Winnebago .....	50	50	80	100	59
Woodford .....	79	72	101	98	67
Average .....	58	53	63	63	52

## DISTRIBUTION OF SHEEP.

COUNTIES.	Average Number to Each Square Mile.				
	1880.	1881.	1882.	1883.	1884.
Adams.....	16	20	25	22	17
Alexander.....	6	5	2	4	4
Bond.....	24	25	22	28	26
Boone.....	53	57	62	56	32
Brown.....	25	28	41	39	27
Bureau.....	10	13	14	14	11
Calhoun.....	3	4	5	2	3
Carroll.....	9	11	13	10	6
Cass.....	5	5	6	5	4
Champaign.....	10	13	24	18	14
Christian.....	15	19	25	23	19
Clark.....	19	20	14	24	19
Clay.....	25	29	26	27	26
Clinton.....	19	15	17	18	14
Coles.....	18	23	24	20	19
Cook.....	7	6	5	4	4
Crawford.....	23	33	33	47	35
Cumberland.....	10	14	17	20	15
DeKalb.....	20	23	27	22	12
DeWitt.....	33	42	46	31	38
Douglas.....	16	20	16	19	16
DuPage.....	38	33	35	23	17
Edgar.....	24	30	33	32	26
Edwards.....	51	53	56	67	56
Effingham.....	12	14	20	18	16
Fayette.....	22	24	18	26	23
Ford.....	4	6	8	9	10
Franklin.....	12	12	10	3	17
Fulton.....	23	28	32	36	25
Gallatin.....	10	10	20	10	9
Greene.....	20	23	23	18	12
Grundy.....	5	6	7	7	5
Hamilton.....	30	15	20	19	22
Hancock.....	6	8	9	13	8
Hardin.....	13	14	11	9	16
Henderson.....	7	6	11	9	5
Henry.....	7	8	9	9	9
Iroquois.....	5	5	6	9	9
Jackson.....	6	8	7	10	8
Jasper.....	15	17	22	22	21
Jefferson.....	17	21	18	21	20
Jersey.....	15	19	22	23	14
Jo Daviess.....	18	21	21	19	15
Johnson.....	13	14	13	21	19
Kane.....	25	25	24	17	16
Kankakee.....	6	6	8	7	5
Kendall.....	28	34	33	25	19
Knox.....	23	27	32	25	17
Lake.....	157	139	153	129	125
LaSalle.....	13	15	10	16	11
Lawrence.....	16	21	23	26	25

DISTRIBUTION OF SHEEP.—*Continued.*

COUNTIES.	Average Number to Each Square Mile.				
	1880.	1881.	1882.	1883.	1884.
Lee.....	13	13	13	11	8
Livingston.....	5	6	9	9	7
Logan.....	14	16	24	18	11
Macon.....	16	23	25	22	14
Macoupin.....	24	29	36	31	22
Madison.....	13	16	13	19	14
Marion.....	21	23	23	23	23
Marshall.....	16	19	22	20	20
Mason.....	1	1	2	1	1
Massac.....	8	7	6	6	5
McDonough.....	17	23	13	21	18
McHenry.....	37	34	96	74	61
McLean.....	23	30	34	30	25
Menard.....	19	21	22	17	15
Mercer.....	10	12	15	12	10
Monroe.....	4	5	4	4	5
Montgomery.....	21	26	31	32	23
Morgan.....	25	25	25	19	15
Moultrie.....	15	21	15	17	11
Ogle.....	15	15	15	14	10
Peoria.....	11	14	24	18	14
Perry.....	8	10	2	8	9
Piatt.....	11	14	8	11	12
Pike.....	15	18	17	18	16
Pope.....	21	22	18	17	22
Pulaski.....	4	5	7	12	7
Putnam.....	13	13	20	16	14
Randolph.....	16	19	18	19	17
Richland.....	19	23	33	39	23
Rock Island.....	7	9	11	10	7
Saline.....	16	20	22	18	22
Sangamon.....	23	32	37	26	18
Schuyler.....	13	18	19	22	16
Scott.....	25	28	28	20	15
Shelby.....	22	29	31	31	29
Stark.....	25	29	32	35	25
St. Clair.....	9	8	10	11	9
Stephenson.....	20	22	26	24	15
Tazewell.....	16	18	26	21	16
Union.....	10	12	15	14	15
Vermilion.....	30	37	44	46	31
Wabash.....	17	19	26	26	22
Warren.....	13	16	23	30	11
Washington.....	11	11	10	12	11
Wayne.....	17	21	23	24	24
White.....	14	15	15	20	14
Whiteside.....	11	11	10	6	7
Will.....	9	8	10	9	6
Williamson.....	19	21	22	20	27
Winnebago.....	31	31	40	36	21
Woodford.....	7	10	12	15	9
Average.....	18	20	22	21	17



## VALUE FARM CROPS, Etc., 1884.

COUNTIES.	Total acreage, as returned to Auditor, 1884, except as noted.....	Total value of animal products, 1884.....	Average value animal products per acre, 1884 .....	Value farm crops produced in 1884 .....	Average value per acre of farm crops .....	Assessed value per acre of land, 1884.....	Equalized value per acre, 50 per cent. valuation.....	Full value per acre .....	Per ct. of value farm crops, 1884, to full value of land per acre .....	Per ct. of value animal products, 1884, to full value of land per acre.....	Per ct. of value of farm crops and animal products, 1884, to full value of land per acre.....
Adams.....	*528,005	\$792,808	\$1 50	\$2,780,379	\$5 26	\$14,17	\$14 88	\$29 76	18	5	23
Alexander.....	115,268	37,719	33	244,278	2 12	5 17	3 26	6 52	32	5	37
Bond.....	\$252,311	179,462	71	897,259	3 56	8 54	9 31	18 62	19	4	23
Boone.....	*178,048	1,082,936	6 08	1,365,046	7 67	14 43	13 90	27 80	27	22	49
Brown.....	†190,247	305,553	1 61	969,535	5 10	7 76	7 45	14 90	34	11	45
Bureau.....	‡548,331	1,375,658	2 51	2,955,141	5 39	13 98	13 42	26 84	29	9	29
Calhoun.....	182,884	93,211	51	608,632	3 33	4 52	3 25	6 50	51	8	59
Carroll.....	395,846	803,119	2 62	2,090,657	6 83	12 47	11 22	22 44	30	12	42
Cass.....	†240,743	318,547	1 32	870,051	3 61	11 41	10 73	21 49	17	6	23
Champaign.....	631,883	843,930	1 33	3,363,771	5 32	12 21	13 06	26 12	20	5	25
Christian.....	**448,100	732,029	1 63	2,254,912	5 03	12 81	12 04	24 03	21	7	28
Clark.....	\$32,122	278,725	86	883,658	2 74	4 59	6 98	13 96	20	6	26
Clay.....	283,639	204,415	72	726,340	2 56	5 69	4 64	9 28	27	8	35
Clinton.....	**307,780	150,485	49	1,724,817	5 60	7 47	8 37	16 74	33	3	36
Coles.....	\$321,819	591,699	1 84	1,231,394	3 83	11 73	12 55	25 10	17	7	22
Cook.....	*514,092	1,603,422	3 12	2,603,422	5 10	21 20	40 92	81 84	6	4	10
Crawford.....	*275,601	248,387	90	745,994	2 71	5 56	6 03	12 06	22	7	29
Cumberland..	\$220,829	181,782	82	898,943	4 07	3 56	5 55	11 10	37	7	48
DeKalb.....	402,604	1,910,526	4 74	3,188,650	7 92	14 61	13 01	26 02	30	18	44
DeWitt.....	**251,783	429,984	1 71	1,282,193	5 09	14 08	12 11	24 22	21	7	28
Douglas.....	°265,497	295,143	1 11	1,074,326	4 05	10 21	12 05	24 10	17	5	22
DuPage.....	\$206,077	1,331,512	6 46	1,717,304	8 33	19 86	16 68	33 36	25	19	44
Edgar.....	*398,600	625,105	1 63	1,931,927	4 85	10 56	12 56	25 12	19	6	25
Edwards.....	*140,598	195,877	1 39	574,115	4 08	8 46	7 44	14 88	27	9	36
Effingham.....	°284,859	215,895	76	958,418	3 36	5 26	4 68	9 36	36	8	44
Fayette.....	421,804	359,485	85	929,361	2 20	4 86	6 03	12 06	18	7	25
Ford.....	†314,759	324,506	1 03	1,418,403	4 51	7 79	8 34	16 68	27	6	33
Franklin.....	°249,059	142,538	57	78,764	3 32	3 18	3 72	7 44	4	8	12
Fulton.....	*519,973	1,164,940	2 12	2,722,769	4 95	12 03	11 67	23 34	21	9	30
Gallatin.....	°200,608	106,409	53	1,177,170	5 87	3 86	3 71	7 42	79	7	86
Greene.....	*343,197	481,828	1 40	1,852,765	5 40	11 99	12 59	25 18	21	5	26
Grundy.....	†268,782	464,462	1 73	1,686,309	6 27	12 65	11 13	22 26	28	8	36
Hamilton.....	274,684	238,491	87	1,107,464	4 03	3 11	3 24	6 48	6	13	19
Hancock.....	523,058	911,339	1 74	2,236,842	4 23	11 53	12 04	24 08	18	7	25
Hardin.....	109,787	79,125	72	125,777	1 14	3 87	3 72	7 44	15	10	25
Henderson.....	238,600	422,720	1 77	1,294,969	5 43	9 00	8 37	16 74	32	10	42
Henry.....	*515,379	1,154,830	2 24	3,294,577	6 39	14 13	13 00	26 00	24	9	33
Iroquois.....	*705,518	964,985	1 37	3,480,404	4 95	9 69	9 30	18 60	26	7	33
Jackson.....	330,458	158,933	48	991,567	3 00	4 81	4 18	8 36	36	6	42
Jasper.....	†310,642	253,749	82	660,144	2 12	3 98	4 66	9 32	39	9	32
Jefferson.....	347,956	251,752	72	972,165	2 80	3 10	4 65	9 30	30	8	38
Jersey.....	*233,233	282,207	1 21	1,349,583	5 79	11 79	11 67	23 34	25	5	30
JoDaviess.....	377,626	875,140	2 32	2,435,823	6 45	7 57	7 87	15 74	41	15	56
Johnson.....	210,696	128,362	61	568,796	2 70	1 93	3 24	6 48	37	9	46
Kane.....	\$323,135	2,712,679	8 40	2,109,097	6 53	16 40	17 71	35 42	18	24	42
Kankakee.....	*†421,184	444,040	1 05	1,920,117	4 56	8 10	9 31	18 62	25	6	31
Kendall.....	206,809	530,464	2 56	1,317,424	6 37	12 45	13 00	26 00	24	10	34
Knox.....	†448,417	1,105,972	2 47	3,173,898	7 08	18 10	15 75	31 50	22	8	39
Lake.....	‡284,273	1,032,265	3 63	1,441,075	5 07	12 77	13 03	26 06	19	14	33
LaSalle.....	**712,527	1,719,096	2 41	4,249,968	5 97	15 77	13 88	27 76	21	9	30
Lawrence.....	231,571	186,368	80	762,502	3 29	4 40	5 69	11 18	29	7	36
Lee.....	°466,519	1,083,629	2 32	3,371,907	7 23	13 86	11 09	22 18	32	10	42

## VALUE FARM CROPS, Etc., 1884—Continued.

COUNTIES.	Total acreage, as returned to Auditor, 1884, except as noted.....	Total value of animal products, 1884.....	Average value animal products per acre, 1884.....	Value farm crops produced in 1884.....	Average value per acre of farm crops.....	Assessed value per acre of land, 1884.....	Equalized value per acre, 50 per cent. valuation.....	Full value per acre.....	Per cent. of value farm crops, 1884, to full value of land per acre.....	Per cent. of value animal products, 1884, to full value of land per acre.....	Per cent. of value of farm crops and animal products, 1884, to full value of land per acre.....
Livingston...	*655,040	1,122,128	\$1 71	\$3,770,906	\$5 76	\$11 51	\$10 70	\$21 40	27	8	35
Logan.....	**392,827	\$740,165	1 88	2,210,373	5 63	14 39	14 82	29 64	19	6	25
Macon.....	*367,274	662,010	1 80	2,601,372	7 08	16 48	14 83	29 66	24	6	30
Macoupin.....	*543,217	735,131	1 35	2,427,674	4 47	8 25	13 94	27 88	16	3	21
Madison.....	*448,614	483,773	1 08	2,985,935	6 66	16 57	17 73	35 46	19	3	22
Marion.....	*342,088	220,475	64	815,922	2 38	6 40	5 57	11 14	21	6	27
Marshall.....	1247,970	568,679	2 29	1,492,512	6 02	14 55	12 51	25 02	24	9	33
Mason.....	357,210	183,208	51	489,072	1 37	7 52	8 35	16 70	8	3	11
Massac.....	1149,051	88,293	59	426,230	2 86	3 89	3 73	7 46	38	8	46
McDonough.....	**365,714	722,719	1 98	2,088,519	5 71	14 24	13 96	27 92	20	7	27
McHenry.....	*384,265	2,249,024	5 85	2,922,533	7 60	14 90	11 62	23 24	33	25	58
McLean.....	*744,235	1,701,445	2 29	4,175,921	5 61	15 41	14 95	29 90	19	8	27
Menard.....	\$199,741	346,459	1 73	1,292,212	6 44	14 73	12 96	25 92	25	7	32
Mercer.....	1347,823	854,572	2 75	2,026,527	5 82	12 17	11 56	23 12	25	10	35
Monroe.....	*237,782	130,564	55	1,663,965	7 00	7 49	9 29	18 58	38	3	41
Montgomery.....	**442,073	527,547	1 19	2,246,290	5 08	10 77	12 06	24 12	21	5	26
Morgan.....	367,238	594,256	1 62	2,736,536	7 45	18 45	15 31	30 62	24	5	29
Moultrie.....	*217,271	252,579	1 16	776,334	3 57	8 91	9 27	18 54	19	6	25
Ogle.....	479,430	1,304,466	2 72	3,510,167	7 32	15 75	13 07	26 14	28	10	38
Peoria.....	1386,927	799,703	2 07	1,919,304	4 96	17 36	15 80	31 60	16	6	22
Perry.....	250,836	89,824	36	464,461	1 85	5 26	5 10	10 20	18	3	21
Piatt.....	**288,079	405,604	1 41	881,682	3 06	13 23	12 04	24 08	13	6	19
Pike.....	514,497	671,789	1 30	2,698,859	5 24	10 52	10 63	21 26	25	6	31
Pope.....	234,326	149,598	64	605,039	2 58	2 44	3 25	6 50	40	10	50
Pulaski.....	1112,743	66,458	59	383,587	3 40	4 57	3 25	6 50	52	9	61
Putnam.....	*106,063	236,596	2 23	682,293	6 43	12 68	12 05	24 10	27	9	36
Randolph.....	*357,689	288,846	81	1,892,305	5 29	6 42	7 90	15 80	33	5	38
Richland.....	*227,274	123,973	54	739,338	3 25	4 95	4 65	9 30	35	6	41
Rock Island.....	*267,028	542,026	2 03	1,369,893	5 13	11 82	10 17	20 34	25	10	35
Saline.....	*240,628	206,882	86	518,409	2 15	2 88	3 72	7 44	29	11	40
Sangamon.....	549,972	1,135,456	2 06	2,828,752	5 14	17 84	16 77	33 54	15	6	21
Schuyler.....	*279,898	480,926	1 72	1,468,535	5 25	9 14	9 32	18 64	28	9	37
Scott.....	*159,354	232,416	1 46	355,728	2 23	11 00	11 66	33 32	9	6	15
Shelby.....	1484,725	698,992	1 44	1,999,488	4 12	9 80	9 40	18 80	22	8	30
Stark.....	*181,060	638,411	3 52	1,360,129	7 51	16 56	15 40	30 80	24	11	35
St. Clair.....	1418,051	394,341	94	2,807,592	6 71	26 50	24 11	28 82	14	2	16
Stephenson.....	*357,240	1,077,350	3 01	2,606,759	7 30	16 79	13 10	26 20	28	11	39
Tazewell.....	410,641	701,668	1 71	2,024,214	4 93	14 53	14 93	28 78	17	6	23
Union.....	*231,756	145,407	67	948,781	4 09	4 50	4 64	9 28	44	7	51
Vermilion.....	1564,702	1,086,910	1 92	2,909,730	5 15	12 53	13 03	26 06	24	7	27
Wabash.....	1152,587	101,210	66	597,205	3 91	7 79	7 48	14 96	27	4	30
Warren.....	1339,801	807,529	2 38	2,502,386	7 36	14 74	13 41	26 82	27	9	36
Washington.....	343,354	205,432	60	1,274,115	3 71	7 99	9 27	18 54	20	3	23
Wayne.....	*149,610	293,028	65	853,386	1 90	2 73	3 26	6 52	29	10	39
White.....	*131,814	291,312	93	1,072,037	3 41	2 62	5 58	11 60	30	8	38
Whiteside.....	*432,412	942,405	2 18	2,023,339	4 68	12 43	11 19	22 38	21	10	31
Will.....	526,929	1,141,391	2 17	3,731,524	7 08	15 11	13 00	26 00	27	8	35
Williamson.....	*256,830	210,520	82	587,552	2 29	4 76	5 09	10 18	22	8	30
Winnebago.....	*322,102	1,039,060	3 22	2,136,243	6 63	14 96	12 94	25 88	26	12	38
Woodford.....	337,761	476,099	1 41	1,907,928	5 65	15 02	14 42	28 84	19	5	24
Total or ave.	34,825,081	\$61,611,695	\$1 77	\$173,502,572	\$4 98	-----	-----	-----	-----	-----	-----

\* Assessors' returns, 1878.

\$ Assessors' returns, 1879.

† Assessors' returns, 1880.

† Assessors' returns, 1881.

\*\* Assessors' returns, 1882.

° Assessors' returns, 1883.

|| Includes live stock marketed, dairy products, and wool shorn.

## AREA OF CROPS, ETC., 1882.

COUNTIES.	Percent of total area in Corn.....	Percent of total area in Winter Wheat...	Percent of total area in Spring Wheat...	Percent of total area in Oats.....	Percent of total area in Rye.....	Percent of total area in Pastures.....	Percent of total area in Meadows.....	Percent of total area in Irish Potatoes..	Percent of total area in Orchards.....	Percent of total area in other crops and uncultivated land.
Adams.....	16.5473	15.1521	.0277	5.4368	.3643	9.9224	5.4048	.3043	1.1453	45.6946
Alexander.....	7.6691	8.7839		.5531	.1042	.1352	2.2709	.1115	.3163	80.1181
Bond.....	15.9668	25.1606	.0832	6.6251	.7990	9.3297	4.8938	.1902	.7055	36.2457
Boone.....	19.1465	.5532	.6875	13.8788	1.2226	27.2241	15.5059	.3937	.9518	20.4288
Brown.....	17.4226	11.8924		4.0342	.4089	15.2680	5.3057	.1618	.9693	44.5316
Bureau.....	30.8514	.2292	.4853	8.4501	1.7073	19.8642	6.7501	.3036	1.5436	29.8143
Calhoun.....	8.7706	11.3504		1.4740	.0210	1.7507	2.0708	.1419	1.2658	73.1555
Carroll.....	22.8106	1.0077	.4765	11.8364	2.5530	20.8766	10.6464	.4401	.7648	28.5185
Cass.....	20.7019	6.5277	.0444	3.9382	.4909	10.2495	1.6075	.0933	.5267	55.8195
Champaign.....	32.4652	6.5928	.0251	9.2926	1.4452	14.7420	6.3798	.2866	1.0296	27.7405
Christian.....	28.0957	12.7679	.0638	6.4490	.2106	13.4423	7.5099	.1356	.9473	30.3774
Clark.....	11.9656	13.5728	.0015	3.1618	.0493	9.2033	9.3631	.2387	.7131	54.7305
Clay.....	9.6075	9.7052		4.6409	.2512	7.4937	6.2018	.1020	.7757	61.2678
Clinton.....	14.6929	31.6963	.0097	7.0072	.2423	6.1871	4.4028	.2774	.8649	34.6689
Coles.....	20.4152	7.1350	.0174	4.4988	.1252	13.8720	7.0443	.1553	.7945	45.9417
Cook.....	11.1413	.0418	.2217	13.4981	1.1696	19.6494	22.3716	2.2949	.6790	30.0022
Crawford.....	11.6897	16.5641		2.3018	.1433	8.9039	4.3432	.1741	.5870	55.2926
Cumberland....	14.6411	9.1269	.0068	5.9439	.1095	11.0275	9.4339	.0932	.6444	48.9723
DeKalb.....	29.4679	.0999	.1391	13.3605	.5045	26.8945	18.8577	.4003	1.1774	9.0985
DeWitt.....	31.4699	4.2071	.1100	8.8282	3.4037	16.4681	6.0143	.1687	.8217	28.1107
Douglas.....	30.3855	5.3937	.0061	4.9428	.4067	18.8621	9.7587	.1026	.7382	29.4029
DuPage.....	16.6869	.1936	.4246	16.9747	1.3989	25.1648	20.0832	1.6319	1.3762	16.0649
Edgar.....	19.3472	14.0371	.1297	2.5245	.1079	19.5561	7.3697	.0905	.8547	35.9822
Edwards.....	13.1431	17.2413	.0092	4.4645	.0049	5.8756	6.1878	.1692	.9993	51.9047
Effingham.....	14.6465	12.6649	.0021	9.1934	.2657	7.9227	7.8776	.3086	.6690	46.4206
Fayette.....	9.1495	11.2835		4.3478	.1356	4.5833	3.7424	.1113	.5490	66.0964
Ford.....	34.9832	.2312	.0127	9.0103	.4711	11.9923	8.5735	.0756	.7761	33.8767
Franklin.....	7.6545	8.6633		1.5571		.8026	1.3539	.0144		79.9538
Fulton.....	18.9547	5.0329	.2707	4.6578	4.2231	10.6236	5.7503	.1851	.9246	49.3772
Gallatin.....	24.3716	18.7131		3.1924		7.3941	7.1562	.0448	.5718	38.5525
Greene.....	15.4322	14.6394	.0897	1.6704	.0273	13.9645	3.7628	.0932	.6600	49.6598
Grundy.....	33.5792	.0156	.0238	9.3074	.7113	23.7966	13.2129	.1945	.7742	19.3837
Hamilton.....	11.7487	11.9206	.0449	2.4700	.1857	3.3238	3.7669	.1989	1.0144	65.3258
Hancock.....	22.1582	4.7238	.2417	9.2248	1.6789	12.4306	7.6423	.1699	1.1782	40.5513
Hardin.....	4.8415	3.9722		.9907	.0358	2.6542	1.4907	.7988	.6692	84.5276
Henderson.....	30.3021	1.1355	.4627	8.2862	3.0914	24.0898	5.0682	.0255	.7290	26.3895
Henry.....	35.4158	.0818	.1931	9.8641	2.3557	22.2391	10.0475	.6286	.8549	18.3189
Iroquois.....	30.1010	1.1825	.0112	6.9582	1.1872	12.5092	8.6294	.1424	.6537	38.5247
Jackson.....	6.9429	15.8916	.0258	1.8535	.0472	2.2897	3.4414	.0770	1.1403	68.2902
Jasper.....	10.2365	10.0431		3.7470	.1641	4.6246	6.1337	.1364	.4285	64.4852
Jefferson.....	9.9147	15.1132	.0251	3.2687	.2059	7.0859	3.1943	.1131	.9523	60.1265
Jersey.....	14.4036	18.8986	.0515	3.7125	.0630	9.4746	4.4363	.1920	.8412	47.9259
Jo Daviess.....	13.0332	.7186	.2563	8.2355	.5308	15.9874	8.2013	.6376	.4708	52.2280
Johnson.....	7.3763	9.9396	.0048	1.1594	.0286	2.4267	2.1034	.0429	1.0572	75.8611
Kane.....	17.9766	.0560	.1464	8.7830	.7380	30.5983	15.9490	.5545	.7337	24.4641
Kankakee.....	25.9834	.6154	.0541	9.9925	1.2688	14.1778	15.0321	.2027	.6206	32.0523
Kendall.....	33.7683	.0652	.1082	12.6706	.3266	22.8647	10.6689	.3651	1.5935	16.5636
Knox.....	30.0155	1.0001	.1162	11.8603	.1625	28.7569	10.6971	.4257	1.0314	13.5083
Lake.....	9.4078	.1368	.5895	9.3203	.1572	12.6175	16.2839	.5494	1.0796	37.1565
LaSalle.....	35.7105	.2954	6.9109	10.6057	.7636	15.9996	11.2888	.4365	.8044	17.9837
Lawrence.....	15.7125	17.6161	.0022	2.5781	.1852	11.4398	4.6187	.1839	1.1063	46.5622
Lee.....	31.0901	.0220	.8123	12.2723	.8731	16.2115	15.8416	.5929	.9051	21.3790



## AREA OF CROPS, ETC., 1882—Continued.

COUNTIES.	Percent of total area in Corn.....	Percent of total area in Winter Wheat...	Percent of total area in Spring Wheat...	Percent of total area in Oats.....	Percent of total area in Rye .....	Percent of total area in Pastures.....	Percent of total area in Meadows.....	Percent of total area in Irish Potatoes..	Percent of total area in Orchards.....	Percent of total area in other crops and unutilized land.
Livingston.....	37.6543	.1583	.6256	11.8166	1.1075	12.7905	9.7783	.2222	.7151	25.7312
Logan.....	39.5658	7.9614	.0328	6.6807	2.9800	13.1968	3.8080	.2716	.6568	24.8368
Macon.....	28.2148	9.2088	.0131	9.8338	.7920	17.1151	6.2552	.2599	1.0408	27.1570
Macoupin.....	20.5936	11.9245	.0385	6.0554	.0488	13.0927	5.3656	.1531	.9709	41.7627
Madison.....	21.8677	28.4139	.....	10.7047	.4681	1.6941	10.4807	.9607	1.9491	23.4607
Marion.....	11.0397	14.4958	.0059	5.8104	.3419	8.3818	5.3583	.1681	1.4676	52.9302
Marshall.....	23.3528	2294	.0303	9.1716	.9573	13.0338	5.8688	.1734	.6492	46.5274
Mason.....	12.4314	2.6925	.2425	2.0820	.....	2.0140	.8186	.....	.....	79.7198
Massac.....	7.6463	12.0998	.0229	1.1915	.0188	1.4303	2.1932	.1388	.8259	74.2034
McDonough.....	14.3322	1.6780	.5305	4.2864	1.9247	8.2362	3.2413	.0486	.4091	65.6122
McHenry.....	15.5696	.1819	.8869	9.3635	.2912	32.4786	17.1818	.4746	.8832	22.6583
McLean.....	34.5143	1.3905	.0408	10.8281	3.0092	18.9851	7.2260	.2535	1.0780	22.5396
Menard.....	35.1134	10.6713	.2583	7.2028	.9.22	18.1985	11.7061	.3274	.9212	14.6139
Mercer.....	28.0306	.4059	.3726	9.8191	2.6970	25.2565	8.9783	.2512	.9548	23.2756
Monroe.....	7.0476	27.9103	.....	3.3854	.0567	2.8879	2.6061	.5231	.6531	54.9288
Montgomery.....	24.4541	18.8541	.0434	8.8159	.2309	13.7024	6.6464	.1624	1.0638	26.1262
Morgan.....	32.6753	11.1962	.2264	3.1730	1.3301	22.8720	8.3166	.6976	1.0808	18.4346
Moultrie.....	25.3130	5.1396	.0115	6.4840	.2867	22.5805	5.6717	.0579	.6153	33.8393
Ogle.....	25.4944	.8986	.2638	13.7408	1.3905	18.7771	11.0096	.3773	.7498	27.1979
Peoria.....	23.8437	1.3718	.0514	9.1319	2.6963	12.4315	6.7844	.3468	.7725	42.5693
Perry.....	3.3924	11.3624	.0693	2.4506	.0709	2.4445	1.5002	.1653	.2760	78.2680
Piatt.....	26.3986	4.8354	.4228	5.4061	.7727	12.0945	4.8285	.2103	.7175	44.3212
Pike.....	11.2185	15.1098	.0082	2.2910	.1763	5.6531	2.7193	.1477	.5194	62.1563
Pope.....	8.2806	9.3232	.0107	1.7418	.0163	5.0500	1.9054	.5756	1.0903	72.0058
Pulaski.....	11.5235	9.4010	.....	.5534	.....	.5747	2.4764	.3725	.....	75.0982
Putnam.....	25.1308	.9764	.0632	7.2681	2.5689	18.9844	5.8897	.1660	.9292	38.0228
Randolph.....	6.3742	24.9701	.0425	7.0859	.0782	3.3875	2.7143	.1973	.8208	57.3286
Richland.....	9.2967	15.8566	.....	4.7810	.4743	9.3116	6.0398	.2151	1.0432	52.9814
Rock Island.....	22.0527	.1482	.3126	8.0257	2.5746	20.1544	10.2303	.7628	1.4523	34.2560
Saline.....	9.9622	8.9781	.....	1.3099	.0843	2.9813	2.5275	.0452	.6558	73.4553
Sangamon.....	22.7740	9.2874	.0290	3.7362	1.1731	20.0710	5.2055	.1768	.7765	30.7701
Schuyler.....	16.5174	9.4655	.0911	3.4573	.4623	10.3305	5.9578	.1389	.9403	52.6029
Scott.....	21.7644	12.2315	.0050	1.1490	.1663	8.6785	2.3816	.0562	.2846	53.2825
Shelby.....	18.4358	6.9678	.0004	5.6786	.2855	11.8227	6.1268	.1446	.7934	49.7441
Stark.....	34.1577	.1684	.0583	11.3840	1.9170	16.4304	6.7618	.2391	.6809	28.2039
St. Clair.....	10.3728	32.2032	.....	4.1198	.0554	3.6222	4.0863	.9728	1.0374	41.1376
Stephenson.....	22.7964	1.7064	1.0715	12.6366	6.1490	15.4495	10.2785	.5265	.9495	28.4353
Tazewell.....	29.6309	6.2255	.1094	8.9788	2.1754	10.0952	6.3224	.2126	.7405	35.5089
Union.....	9.2522	15.2692	.0410	2.4316	.1294	2.6332	4.3438	.2399	2.6103	63.0491
Vermilion.....	20.7771	10.2039	.0096	4.1366	.3708	21.1437	7.1087	.1811	.8991	35.2602
Wabash.....	13.6951	18.1738	.....	2.6758	.0681	8.0229	6.1905	.2129	1.0519	49.9086
Warren.....	33.7073	.4552	.2151	11.0182	2.7675	26.2085	6.6951	.1406	.9882	17.8043
Washington.....	8.0696	27.7191	.0000	6.4804	.1478	4.5960	1.5483	.2563	.9546	50.2273
Wayne.....	8.2082	9.2704	.0001	2.9029	.70978	6.3245	5.3617	.2177	.8031	66.8121
White.....	12.2829	15.1519	.....	1.5439	.1676	6.3942	4.4784	.1398	.7253	59.1156
Whiteside.....	26.2885	.1683	.3224	8.8515	3.2130	19.7122	10.8274	.3463	.3649	29.3990
Will.....	22.9092	.2744	.1143	15.4229	.9760	18.4588	16.3709	.4711	.9970	25.0051
Williamson.....	10.2599	13.3144	.0000	1.1200	.0328	3.9377	3.6454	.1791	1.1173	66.3919
Winnebago.....	23.6530	.3911	.3521	15.4978	3.2672	21.3025	11.8179	.4088	.8417	22.4674
Woodford.....	33.0919	1.2144	.0887	14.0656	2.2151	12.1800	7.7566	.2535	.9262	28.2076
Average.....	21.2761	7.9415	.2726	7.1045	1.0306	13.5588	7.5885	.3085	.8736	40.0447

## AREA OF CROPS, ETC., 1883.

COUNTIES.	Percent of total area in Corn .....	Percent of total area in Winter Wheat ..	Percent of total area in Spring Wheat...	Percent of total area in Oats.....	Percent of total area in Rye .....	Percent of total area in Pastures.....	Percent of total area in Meadows .....	Percent of total area in Irish Potatoes..	Percent of total area in Orchards.....	Percent of total area in other crops and uncultivated land..
Adams.....	16.3082	16.0902	.5920	5.4299	.2994	9.6969	5.7861	.3396	1.3081	44.1496
Alexander.....	6.4308	17.3913	.0018	.0604	.0605	.3122	1.2145	.2969	.3952	73.8608
Bond.....	15.2669	18.3095	.0860	6.5772	.1363	14.6967	4.2396	.1721	1.0110	39.4147
Boone.....	19.8855	.4678	.3465	15.6143	.9228	24.2154	16.0125	.4414	.9194	21.1744
Brown.....	16.2221	14.4381	.0016	3.9411	.4247	13.1250	7.6826	.2365	1.0376	42.8905
Bureau.....	48.3655	.2338	.2039	9.8178	1.3711	1.9774	9.8667	.3365	1.7203	26.5074
Calhoun.....	9.7700	13.1771	.....	1.7315	.0211	1.5077	1.2292	.1492	1.7628	70.6515
Carroll.....	23.7448	1.1199	.4071	12.6823	2.0805	21.9810	11.4546	.4890	.8850	24.2566
Cass.....	17.4867	7.6688	.0249	3.7966	.2775	9.0319	1.3429	.0540	.3613	59.9053
Champaign.....	34.0694	5.8859	.0227	11.4054	.7801	17.4470	7.6177	.3306	1.0262	21.3408
Christian.....	27.0018	16.4408	.0034	6.1241	.2013	14.7654	8.5237	.2644	1.3624	25.3599
Clark.....	12.2609	17.0966	.0025	3.3770	.1024	11.0719	8.2768	.1484	.7729	47.5106
Clay.....	10.8008	10.3362	.....	5.6070	.0738	5.7930	6.5700	.1719	.6917	57.8582
Clinton.....	17.5729	26.1700	.....	7.9521	.2219	7.1688	4.2783	.2856	.9130	35.4341
Coles.....	17.7121	7.8106	.0220	4.9606	.1619	14.9597	6.8880	.2560	.8011	46.4320
Cook.....	9.5191	.0424	.4192	11.8251	.1937	16.5021	21.6521	1.9736	.6861	37.1476
Crawford.....	13.1930	16.8178	.0769	2.1785	.1088	9.1985	5.3472	.1789	.6670	52.2012
Cumberland.....	13.0784	12.7388	.0113	5.8579	.1159	8.2340	8.3100	.1530	.6910	50.7632
DeKalb.....	28.0199	.0536	.1212	14.2935	.4099	27.5699	20.6063	.4134	1.1949	6.3133
DeWitt.....	30.2594	3.5324	.0651	10.9686	1.2773	17.6719	6.4520	.1807	.8757	25.1415
Douglas.....	23.8560	4.6287	.0071	6.1469	.4030	21.2873	10.1095	.1013	.9145	32.5590
DuPage.....	15.1395	.1970	.3892	17.2688	1.0554	20.8509	20.7383	1.8381	1.3723	21.1503
Edgar.....	4.8440	11.5083	.0186	3.1555	.0778	21.0820	9.6611	.1648	.9621	48.5063
Edwardsville.....	12.4840	19.8203	.0441	3.7241	.0462	6.2391	8.2419	.2007	1.1081	48.0781
Effingham.....	13.1958	13.9679	.0014	9.0759	.2356	1.5509	7.3230	.2910	.5981	53.7658
Fayette.....	10.0236	14.3203	.....	5.5836	.1216	4.8581	4.3239	.1018	.6545	60.0126
Ford.....	35.5488	.2284	.0073	12.9725	.4543	11.6482	10.8350	.1754	.8244	27.3085
Franklin.....	1.4000	2.1067	.1281	.3674	.0020	.3108	.3770	.0032	.0023	95.2240
Fulton.....	18.2122	5.6505	.2198	6.2696	3.1576	11.7151	6.7629	.2227	.8442	46.9200
Gallatin.....	19.9394	18.9424	.....	2.9909	.1595	1.5572	3.1803	.2492	4.9848	47.9000
Greene.....	19.9229	17.7204	.9146	2.0396	.2011	15.3390	5.0767	.1559	.7582	41.5452
Grundy.....	32.5677	.0355	.0182	10.7626	.7411	25.5736	15.8600	.2750	1.0533	13.1180
Hamilton.....	8.5384	10.0036	.0095	2.4890	.0205	6.2622	2.6912	.0748	.7041	69.2067
Hancock.....	20.0039	5.2102	.0423	9.3942	1.4585	9.9284	9.2812	.2288	1.1794	43.2378
Hardin.....	4.9842	5.2946	.0739	1.7929	.0457	1.9398	2.2091	1.0589	.5651	82.0348
Henderson.....	22.9007	1.7394	.1637	9.1886	3.0600	25.8963	10.1211	.1248	.6657	21.8998
Henry.....	33.4445	.0792	.1620	12.2866	1.8800	21.6844	10.8491	.2741	.8516	18.3903
Iroquois.....	30.7268	.9032	.0077	10.6277	.9752	14.5520	10.9347	.2592	.6549	30.3573
Jackson.....	6.3089	14.8483	.....	1.7983	.0328	1.8422	4.2409	.1746	1.4830	69.3711
Jasper.....	9.8245	11.0111	.1606	3.8852	.1461	4.9768	6.2722	.1423	.4191	63.1653
Jefferson.....	10.3683	16.2625	.7914	3.5089	.0388	6.9029	3.4296	.1263	.9180	57.6209
Jersey.....	14.7591	22.9243	.0026	2.6785	.0262	9.9235	4.4393	.2045	.8854	44.1991
JoDaviess.....	15.2073	.9792	.4224	9.4896	.6505	16.7616	10.8957	.4394	5.255	44.7191
Johnson.....	9.9989	14.0436	.0257	1.4668	.0338	2.1628	3.9939	.1953	1.0635	67.0151
Kane.....	16.9319	.0579	.0876	10.1632	.7059	28.4008	17.1841	.4258	.8322	25.2105
Kankakee.....	23.8939	.7132	.0470	10.1761	1.0706	15.4842	15.4635	.3098	.6277	32.2159
Kendall.....	30.6904	.0608	.0499	14.0631	.3572	22.9245	15.7980	.2925	1.5565	14.2070
Knox.....	28.3602	.8737	.2328	12.0504	2.0994	23.7723	11.4462	.3249	.9518	15.0860
Lake.....	9.7209	.2135	.5847	10.2243	.1622	31.1415	17.0983	.5934	.9269	28.4350
LaSalle.....	30.8851	.3684	.2453	12.9543	.7868	16.0474	12.4952	.4334	.9598	24.8242
Lawrence.....	12.3399	17.4849	.....	1.9354	.1321	7.2049	6.2513	.2119	1.0108	53.3388
Lee.....	30.0408	.0429	1.1146	12.1163	.6410	15.4592	15.7183	.5575	.8857	25.5668

## AREA OF CROPS, ETC., 1883.—Continued.

COUNTIES.	Percent of total area in Corn.....	Percent of total area in Winter Wheat...	Percent of total area in Spring Wheat...	Percent of total area in Oats.....	Percent of total area in Rye.....	Percent of total area in Pastures.....	Percent of total area in Meadows.....	Percent of total area in Irish Potatoes...	Percent of total area in Orchards.....	Percent of total area in other crops and uncultivated land..
Livingston.....	37.9604	.1090	.0040	14.5165	1.0314	15.2276	12.0698	.3553	.7090	18.0095
Logan.....	40.4418	6.0688	.3355	7.7891	1.0559	14.7894	4.2000	.2877	.9577	24.0736
Macon.....	36.0333	7.0811	.0193	11.1750	.2339	16.2366	7.4612	.3362	1.0390	20.3834
Macoupin.....	15.9507	20.0378	.0136	5.1471	.1038	13.9493	5.7634	.1920	.9298	37.9141
Madison.....	19.0672	28.6429		4.8409	.0361	13.3897	4.0973	1.8751	1.4280	26.6228
Marion.....	10.5914	13.8467	.0020	6.4861	.1310	8.4576	6.0894	.1000	1.1251	53.2082
Marshall.....	32.2619	.2419	.0403	13.7113	1.2098	18.1473	11.6143	.4033	1.3590	21.0106
Mason.....	12.4314	2.9067			2.0141	.8186				81.8292
Massac.....	7.6839	12.8037		1.1332	.1039	1.1559	2.9487	.1100	.7394	73.3346
McDonough.....	21.0224	2.7923	.1714	9.4883	2.8613	13.6421	6.2380	.1504	.8879	42.7457
McHenry.....	14.7232	.1993	.7751	9.1252	.2948	29.1549	16.3241	.4570	.6943	28.2508
McLean.....	32.6654	1.1017	.0278	13.0904	2.1464	20.2870	8.4934	.2198	1.0331	20.9337
Menard.....	40.5725	9.3221		3.6267	.5367	18.0674	13.9831	.1559	.8581	12.8377
Mercer.....	26.1981	.3229	.1093	11.2862	1.8291	23.5913	10.0258	.3251	.9151	25.3117
Monroe.....	6.8887	26.1975		3.2568	.4290	2.7941	4.3935	.4412	.6115	55.3659
Montgomery.....	23.9533	20.3568		8.5633	.1796	15.9231	7.4273	.2506	1.1885	23.0575
Morgan.....	26.695	11.5291			1.3301	23.2924	8.3166	.7115		18.5508
Moultrie.....	28.2178	9.0790		9.3017	.2168	14.2992	7.1523	.1763	.7936	30.7638
Ogle.....	24.7213	.8784	.1440	15.4068	1.2595	17.9760	10.9220	.3640	.6745	27.6412
Peoria.....	22.3008	1.3734	.0499	9.6160	2.0438	13.1508	8.3292	.8391	.5962	42.0986
Perry.....	4.9205	15.3755	.0028	4.0768	.0308	1.9953	2.5630	.1582	.5813	70.2978
Piatt.....	29.4006	5.2451	.0080	7.3355	.5870	14.1534	5.4516	.3402	.7355	36.7437
Pike.....	12.8942	18.6633	.0062	2.1893	.2273	6.4159	4.1884	.1235	.8021	54.4381
Pope.....	7.7466	9.3065	.0051	1.6062		2.9240	2.0192	.5726	.8405	74.9792
Pulaski.....	9.1979	8.8458		.8426	.0621	1.2045	3.1602	.4036	1.3775	74.9058
Putnam.....	24.0953	1.0315	.1461	8.3591	1.3945	21.2496	7.2551	.2319	.7495	35.4864
Randolph.....	7.2636	26.1938		4.1506	.0442	2.9606	3.8151	.2438	.8409	54.5401
Richland.....	11.0448	18.3651		4.6697	.3080	8.6631	7.9631	.2538	1.1075	47.5347
Rock Island.....	20.9021	.1139	.2835	9.0137	2.0672	20.0264	11.5800	.9433	1.1680	33.9002
Saline.....	7.2988	8.2758	.0332	1.3452	.0436	1.5343	2.9265	.4780	.4625	78.0821
Sangamon.....	30.2795	9.8547	.0147	4.6244	.5305	19.8180	6.2124	.2392	.7493	27.6770
Schuyler.....	15.3109	11.5600	.0463	3.6717	.4880	9.9547	6.7810	.1922	.8435	51.1508
Scott.....	11.0217	10.3543	.0126	.8422	.2240	7.4902	2.0960	.0935	.3263	63.3953
Shelby.....	17.9157	12.4483	.0229	6.8855	.2150	14.0323	8.3422	.1947	.9026	38.9184
Stark.....	33.8882	.2005	.0221	13.3226	1.3790	18.6590	7.9057	.2425	.5760	23.8054
St. Clair.....	12.1024	35.1141	.0435	4.6540	.0179	3.6717	4.8761	1.0056	.9831	37.5485
Stephenson.....	23.1528	1.6736	.7745	13.5917	4.6108	17.6212	10.5884	.5100	1.0839	26.3209
Tazewell.....	28.3982	6.6187	.0384	10.2347	1.1555	11.2783	7.0359	.2503	.7777	34.1881
Union.....	6.8464	11.7451	.0401	1.9076	.1053	2.4875	4.7834	.2100	1.4666	70.4081
Vermilion.....	23.4445	6.7650	.0188	5.4333	.3604	24.8738	9.0734	.1999	.7347	29.0957
Wabash.....	11.3063	17.8731		2.1024	.0681	4.2953	5.6774	.2307	.8841	57.3597
Warren.....	32.4149	.3455	.1024	12.6297	1.7404	30.0532	8.8675	.2001	.6730	12.9726
Washington.....	9.3145	29.8131	.4182	6.9357	.0752	5.3162	2.2413	.2420	.6620	44.9855
Wayne.....	8.8110	10.6312		3.2250	.0205	5.2959	6.8312	.1497	.8109	64.2270
White.....	13.5625	17.6222	.1590	2.0369	.0175	4.3797	5.4915	.1969	.6654	55.8688
Whiteside.....	23.9017	.0745	.2354	9.1672	3.6849	16.5238	11.2058	.3238	.7904	34.0925
Will.....	22.9306	.2095	.0792	16.0250	.7251	20.7918	17.4831	.5547	.9415	20.2594
Williamson.....	8.6618	13.0120		1.4351	.0335	2.7406	4.5799	.1164	.9555	68.4647
Winnebago.....	23.4137	.4834	.2440	13.2796	3.0515	20.6456	11.5997	.4554	.9323	22.7279
Woodford.....	31.6060	1.2874	.0531	16.3484	1.4021	12.2926	8.5441	.2793	.8087	27.4429
Average.....	21.0642	8.4376	.1271	7.8469	.7977	13.4409	8.4899	.3423	.8989	38.3175



## AREA OF CROPS, ETC., 1884.

COUNTIES.	Per cent. of total area in Corn.....	Per cent. of total area in Winter Wheat....	Per cent. of total area in Spring Wheat....	Per cent. of total area in Oats.....	Per cent. of total area in Rye.....	Per cent. of total area in Pastures.....	Per cent. of total area in Meadows.....	Per cent. of total area in Irish Potatoes....	Per cent. of total area in Orchards.....	Per cent. of total area in other crops and uncultivated lands..
Adams.....	15.1769	15.1815	.0115	6.0329	.2269	10.2213	6.7310	.3119	1.1069	44.8992
Alexander.....	5.5661	9.9446	.0147	.4459	.0286	.0119	.9446	.1726	.3756	82.4554
Bond.....	17.9306	15.6830	.0059	7.7759	.2854	10.7962	4.8599	.2291	1.1795	41.2547
Boone.....	23.6318	.3454	.5849	16.2389	1.1036	29.0787	15.5520	.4605	.9368	12.0674
Brown.....	15.5008	14.3939	.0105	.3734	.3422	14.3981	7.0582	.2160	.8956	46.8113
Bureau.....	27.7188	.2011	.3844	11.3754	1.2197	19.3708	10.4152	.3071	.8477	28.1598
Calhoun.....	8.5104	13.5795	.....	1.1597	.....	14.5065	3.1730	.0683	1.4058	57.5667
Carroll.....	19.9283	.9782	.4568	11.6941	154800	20.2304	11.0231	.3888	.5993	19.2210
Cass.....	17.1519	8.2727	.0656	3.9046	.1787	9.5188	1.6486	.0685	.3639	58.8268
Champaign.....	31.2309	5.6114	.0272	12.0353	.6398	17.1718	8.0521	.4763	1.0503	23.7050
Christian.....	27.2515	15.4867	.3896	5.6617	.0806	15.2035	10.5456	.2814	1.0701	22.9693
Clark.....	12.9144	11.3786	.0152	4.6911	.1589	8.8454	6.9157	.1692	.6022	54.3093
Clay.....	11.5481	10.1284	.....	7.1334	.0914	7.0032	8.2407	.1110	.9202	54.8226
Clinton.....	16.6372	23.0564	.6547	7.8803	.0396	7.2899	4.0158	.2648	8.282	39.3331
Coles.....	16.8486	8.0806	.0199	4.394	.1429	13.2009	9.999	.2219	.7287	49.3672
Cook.....	8.9690	.0229	.2313	12.0912	1.823	16.1224	19.2967	1.9191	.7207	40.4454
Crawford.....	12.4408	13.1533	.0065	2.8980	.0062	8.8795	5.2634	.1389	.6469	56.4760
Cumberland.....	12.8330	13.0965	.....	5.5744	.1666	10.7124	10.7191	.1105	.5198	46.2677
DeKalb.....	25.920	.0465	.2208	15.3202	.4761	29.4885	18.4176	.4550	1.0641	8.5692
DeWitt.....	31.6911	2.6431	.0437	11.0412	.7566	18.5733	7.9219	.2299	.7748	26.3166
Douglas.....	20.0612	4.5296	.0188	7.0920	.1657	19.3961	9.8886	.1431	1.2904	37.4145
DuPage.....	14.8644	.0910	.3732	9.1319	.9360	22.3183	20.7861	1.7619	1.5853	28.1416
Edgar.....	22.7403	11.8061	.0103	3.6590	.1104	22.6021	9.0037	.1510	.9933	28.9788
Edwards.....	12.9105	17.5230	.1038	5.6018	.0242	8.2220	8.1978	.2119	1.2233	45.9814
Effingham.....	14.8792	13.1289	.....	1.1007	.1738	11.9185	8.4782	.2457	.6515	49.4235
Fayette.....	11.3036	11.3574	.6313	5.7602	.1071	6.4041	5.1109	.1230	.7053	58.4971
Ford.....	34.4457	.1579	.0028	13.2625	.3958	12.1512	11.4427	.1963	.6922	27.2529
Franklin.....	1.4000	2.1067	.1281	.5674	.0020	.3148	.3774	.0032	.0927	85.2077
Fulton.....	18.7920	6.7490	.1320	6.2828	1.4704	11.9353	7.3005	.2589	.9428	46.1363
Gallatin.....	18.9424	20.4379	.....	2.8124	.1495	4.4066	5.0945	.3190	2.2866	45.5517
Greene.....	14.8830	16.7350	.0154	1.7340	.0565	15.8303	4.7031	.1663	.7602	45.1162
Grundy.....	29.3141	.0445	.0450	13.7837	.5082	23.2151	16.0647	.4066	.7486	15.8835
Hamilton.....	9.9816	7.8399	.....	3.0055	.0022	21.1583	4.4677	.2403	.88	8.52.4122
Hancock.....	19.0635	5.4583	.0323	9.8142	.7053	12.7946	9.4773	.2309	.9875	41.4364
Hardin.....	3.3774	2.0066	.....	.5903	.0209	1.8145	1.3745	1.2926	.2860	89.2282
Henderson.....	27.1127	1.7368	.1655	9.1910	3.0624	25.9199	5.9476	.1249	.6697	26.0635
Henry.....	30.5415	.0547	.3345	15.5035	1.4719	22.6918	11.0486	.5120	.7932	17.2494
Iroquois.....	29.6944	.6282	.0072	12.5000	.9273	15.9874	10.8893	.2972	.6012	23.4038
Jackson.....	5.9178	14.3455	.....	2.0136	.0076	2.5062	4.1103	.1670	1.3944	69.5376
Jasper.....	11.3806	9.8900	.0032	5.3116	.1700	6.7814	7.4459	.3206	.4945	58.2832
Jefferson.....	12.3142	17.6439	.....	4.7131	.0509	7.7226	3.4416	.1445	.9886	52.9667
Jersey.....	14.7591	22.9243	.0026	2.6356	.0261	9.9240	4.4393	.2045	.8961	41.1884
Jo Daviess.....	13.6124	.9091	.6146	10.3923	.4324	21.3118	11.7860	.4806	.5039	39.9569
Johnson.....	6.0352	10.1659	.....	1.1395	.0095	2.1885	4.5700	.0887	.9241	74.9426
Kane.....	16.2752	.0390	.1272	10.8478	.8318	29.9054	18.1503	.5230	.7536	22.5468
Kankakee.....	18.8431	.5773	.0168	10.0690	1.9982	14.1703	14.6608	.2970	.5879	38.7795
Kendall.....	28.0466	.0377	.0691	15.4331	.5551	23.1943	14.9505	.....	1.5887	16.1029
Knox.....	26.7443	.7477	.0700	13.0842	.6404	26.3411	10.7989	.2863	.8637	20.1234
Lake.....	8.2962	1.235	.8052	9.2091	.1745	26.9934	16.5559	.4960	1.2108	36.1574
LaSalle.....	27.0950	.3579	.2420	13.2142	.4284	14.9027	11.6899	.4069	.9052	30.7578
Lawrence.....	11.8413	26.2874	.0043	2.8540	.0959	11.5905	5.5810	.0997	.9828	50.6731
Lee.....	30.0408	.0428	1.1146	12.1163	.6413	15.8664	15.7183	.5811	.8868	22.9916

AREA OF CROPS, ETC., 1884.—*Continued.*

COUNTIES.	Per cent. of total area in Corn .....	Per cent. of total area in Winter Wheat ....	Per cent. of total area in Spring Wheat.....	Per cent. of total area in Oats .....	Per cent. of total area in Rye.....	Per cent. of total area in Pastures .....	Per cent. of total area in Meadows.....	Per cent. of total area in Irish Potatoes....	Per cent. of total area in Orchards.....	Per cent. of total area in other crops and uncultivated lands..
Livingston .....	33.6887	.1151	.0104	16.9313	.1839	15.6222	12.6520	.5574	.7712	16.8698
Logan .....	41.2844	8.2619	.1805	9.3537	.4142	17.2243	4.6132	.3106	.6303	17.7269
Macon .....	33.8102	8.0231	.0106	10.9218	.1280	16.4417	7.7361	.2943	.9976	21.6366
Macoupin.....	16.8102	18.2757	.....	4.2005	.0353	15.0371	6.2314	.1219	.9589	38.3290
Madison .....	16.9237	26.0250	.....	3.9840	.1068	10.3089	5.5595	2.1740	2.5982	32.3199
Marion .....	11.4886	11.6476	.0009	6.9006	.0810	9.1143	7.2759	.0690	1.7469	51.6752
Marshall.....	32.2619	.2419	.0403	13.7113	1.2098	18.1479	11.6143	.4033	1.3535	21.0158
Mason .....	12.2267	2.8588	.2385	2.0478	.....	.....	.8051	.....	.....	81.8231
Massac .....	7.3963	12.7486	.....	1.0453	.0275	1.5424	2.8789	.2100	.8769	73.3736
McDonough.....	21.0224	2.7923	.1714	9.4883	2.8612	13.6423	6.2379	.1504	.8387	42.7451
McHenry .....	14.7154	.1637	.9704	10.1054	.3560	33.7117	15.6004	.5189	.6704	23.1277
McLean .....	31.9024	.8187	.0193	14.7506	1.2148	21.2617	9.2910	.2737	1.0197	19.4481
Menard .....	36.1218	18.1059	.....	5.5071	.5757	18.8894	9.2820	.2879	.7109	10.5193
Mercer .....	23.2155	.1383	.1584	12.1766	1.4666	26.1017	10.7764	.3165	.8593	24.7407
Monroe .....	6.7957	28.9335	.....	3.2639	.0408	3.0503	4.2585	.4719	.6047	53.1807
Montgomery.....	36.5528	20.9375	.0011	8.0204	.1339	15.2649	7.1721	.1991	1.0672	10.6510
Morgan .....	34.8981	11.0931	.2178	3.0531	1.2798	22.0075	8.0022	.6711	1.0399	17.7373
Moultrie .....	20.9310	7.3429	.....	6.9158	.0317	12.0062	6.4864	.1487	.5435	45.5938
Ogle .....	24.3744	.7240	.2553	16.7152	1.3428	18.5487	11.8044	.4144	.7978	25.0230
Peoria .....	22.4867	1.4796	.0333	10.7819	1.0688	12.4861	8.6094	.4202	.6345	41.9995
Perry .....	4.9160	15.3423	.0028	4.0680	.0307	1.9008	2.5575	.1559	.5960	70.3460
Piatt .....	21.0727	3.9256	.0035	6.5607	.2399	7.2171	4.0492	.1736	.4891	56.2686
Pike .....	12.0106	18.7478	.0076	2.2280	.0618	6.9256	3.9646	.1395	.7100	55.2045
Pope .....	7.7016	9.2525	.0051	1.5969	.....	2.9071	2.0074	.5693	.8356	75.1245
Pulaski .....	9.2751	8.5883	.....	.8408	.0709	1.4937	3.1957	.4523	2.0613	74.1219
Putnam .....	26.1109	.9438	.2706	9.5896	1.1408	23.6963	7.3949	.2046	.9758	29.6767
Randolph .....	6.8937	26.2872	.....	4.7818	.0252	3.7206	4.0730	.2491	.7975	53.1715
Richland .....	10.8493	13.6377	.....	6.5340	.0933	17.3465	9.2936	.2336	1.2236	40.7883
Rock Island.....	20.9060	.0861	.5299	8.6455	1.6777	21.0042	11.9676	1.0688	1.0587	33.0555
Saline .....	6.4651	6.5200	.0673	1.3810	.0025	2.1253	3.1135	.0295	.4131	79.8827
Sangamon.....	26.3868	9.7798	.0263	4.5109	.3198	19.8523	6.6161	.2307	.7475	31.5298
Schuyler .....	14.1787	11.9719	.0257	3.7133	.1936	14.0923	6.6688	.1615	.9221	48.0741
Scott .....	8.0676	7.4708	.0100	.5896	.0596	4.4109	1.5494	.0383	.2021	77.5017
Shelby .....	17.8056	11.3357	.0122	6.5742	.1588	13.4412	8.6469	.2040	.9779	40.8435
Stark .....	32.7765	.1491	.0751	14.8393	.9560	20.2695	8.4187	.2618	.5562	21.6978
St. Clair.....	10.5903	30.5515	.0012	4.6425	.0218	4.1318	4.9817	.7786	.8987	43.4019
Stephenson.....	21.9933	1.5259	1.0953	14.6406	4.5398	17.9235	11.1992	.4902	.7661	25.8261
Tazewell .....	25.5431	6.7173	.0645	11.0318	.4880	13.9477	7.4517	.2596	.7101	33.7812
Union .....	5.2266	9.9769	.....	1.5710	.0380	2.0340	3.5925	1.7652	1.5521	74.2437
Vermilion.....	23.8503	5.1907	.0062	8.4494	.3692	22.2199	9.5471	.2410	.7269	29.3993
Wabash .....	12.5581	17.8128	.....	3.0160	.0052	9.2562	5.4651	.0989	.7884	50.9893
Warren .....	28.6632	.2089	.1124	12.6983	.7166	31.4458	9.7219	.2748	.5897	15.5684
Washington.....	9.4436	27.2710	.0020	9.3821	.0314	6.6509	2.0480	.2735	.8076	44.0899
Wayne .....	7.8659	6.0764	.....	3.5473	.0051	5.3413	7.2787	.0774	.9289	68.8890
White .....	12.1276	14.4738	.....	2.2826	.0229	5.6949	5.3405	.1173	.5729	59.3735
Whiteside.....	20.5350	.1159	.2761	9.5851	3.7362	19.2352	11.1729	.3727	.6982	34.2827
Will .....	21.8952	.2399	.0932	17.5953	.5171	22.3734	17.5376	.5739	.8972	18.2772
Williamson.....	6.1751	8.8312	.0148	1.3460	.0109	3.4410	3.9869	.1160	.7647	75.3134
Winnebago.....	22.3088	.5979	.7753	17.2200	3.0745	21.5613	12.0493	.4812	.7957	21.2349
Woodford.....	29.7215	1.1185	.0752	16.6159	.6641	13.4879	8.3490	.2842	.8121	28.8656
Average.....	19.8099	7.8183	.1461	8.4554	.7369	14.6089	8.6558	.3609	.8744	38.5384

## AREA OF PRINCIPAL CROPS.

*Per cent. of total area of each County in 1882, 1883 and 1884.*

COUNTIES.	CORN.			WINTER WHEAT.			SPRING WHEAT.		
	1882.	1883.	1884.	1882.	1883.	1884.	1882.	1883.	1884.
Adams.....	16.5473	16.3082	15.2769	15.1521	16.0902	15.1815	.0277	.5920	.0115
Alexander.....	7.6091	6.4398	5.5661	8.7839	17.3913	9.9446	.....	.0018	.0147
Bond.....	15.9668	15.2669	17.9306	25.1606	18.3995	15.6830	.0832	.0860	.0059
Boone.....	19.1465	19.8855	23.6318	.....	.5532	.4678	.6875	.3465	.5849
Brown.....	17.4226	16.2221	15.5008	11.8924	14.4381	14.3939	.....	.0016	.0105
Bureau.....	30.8514	48.3655	27.7188	.....	.2292	.2338	.2011	.4858	.2039
Calhoun.....	8.7706	9.7700	8.5404	11.3504	13.1771	13.5796	.....	.....	.3844
Carroll.....	22.8106	23.7448	19.9283	1.0077	1.1199	.9782	.4765	.4071	.4568
Cass.....	20.7019	17.4867	17.1519	6.5277	7.6688	8.2727	.0444	.0249	.0656
Champaign.....	32.4652	34.0694	31.2309	6.5928	5.8859	5.6114	.0251	.0227	.0272
Christian.....	28.0957	27.0018	27.2515	12.7679	16.4408	15.4867	.0638	.0034	.3896
Clark.....	11.9656	12.2609	12.9144	13.5728	17.0966	11.3786	.0015	.0025	.0152
Clay.....	9.6075	10.8008	11.5481	9.7052	10.3362	10.1284	.....	.....	.....
Clinton.....	14.6929	17.5729	16.6372	31.6963	26.1700	23.0564	.0097	.....	.6547
Coles.....	20.4152	17.7121	16.8486	7.1350	7.8106	8.0806	.0174	.0220	.0199
Cook.....	11.1413	9.5191	8.9690	.....	.0418	.0424	.2217	.4192	.2313
Crawford.....	11.6897	13.1930	12.4408	16.5641	16.8178	13.1538	.....	.0769	.0065
Cumberland.....	14.6411	13.0784	12.8330	9.1269	12.7388	13.0965	.0068	.0113	.....
DeKalb.....	29.4679	28.0199	25.9520	.....	.0999	.0365	.1391	.1212	.2208
DeWitt.....	31.4699	30.2594	31.6991	4.2071	3.5324	2.6439	.1100	.0651	.0437
Douglas.....	30.3855	23.8560	20.0612	5.3937	6.2687	4.5296	.0061	.0071	.0188
DuPage.....	16.6869	15.1395	14.8634	.....	.1936	.1970	.4246	.3892	.3732
Edgar.....	19.3472	4.8449	22.7403	14.0371	11.5083	11.8061	.1297	.0186	.0103
Edward.....	13.1431	12.4840	12.9105	17.2413	19.8203	17.5230	.0092	.0441	.1038
Effingham.....	14.6465	13.1958	14.8792	12.6649	13.9679	13.1289	.0021	.0014	.....
Fayette.....	9.1495	10.0236	11.3036	11.2835	14.3203	11.3574	.....	.....	.6313
Ford.....	34.9832	35.5498	34.4457	.....	.2312	.2284	.0127	.0073	.0028
Franklin.....	7.6545	1.4000	1.4000	8.6633	2.1067	2.1067	.....	.1281	.1281
Fulton.....	18.9547	18.2122	18.7920	5.0329	5.6505	6.7490	.2707	.2198	.1320
Gallatin.....	24.3716	19.9394	18.9424	18.7161	18.9424	20.4379	.....	.....	.....
Greene.....	15.4322	19.9229	14.8830	14.6394	17.7304	16.7350	.0897	.9146	.0154
Grundy.....	33.5792	32.5677	29.3141	.....	.0156	.0305	.0238	.0182	.0350
Hamilton.....	11.7487	8.5384	9.9816	11.9256	10.0036	7.8399	.0449	.0095	.....
Hancock.....	22.1582	20.0039	19.0635	4.7238	5.2102	5.4583	.2417	.0423	.0323
Hardin.....	4.8415	4.9842	3.3774	3.9722	5.2946	2.0066	.....	.0739	.....
Henderson.....	39.3021	22.9007	27.1127	1.1355	1.7394	1.7368	.4627	.1637	.1655
Henry.....	85.4158	33.4445	30.5414	.....	.0818	.0792	.0537	.1931	.0620
Iroquois.....	30.1010	30.7268	29.6984	1.1825	.9032	.6282	.0112	.0077	.0072
Jackson.....	6.9429	6.3089	5.9178	15.8916	14.8483	14.3455	.0258	.....	.....
Jasper.....	10.2365	9.8245	11.3806	10.0431	11.0111	9.8090	.....	.1606	.0032
Jefferson.....	9.9147	10.3683	12.3142	15.1132	16.2625	17.6439	.0251	.7914	.....
Jersey.....	14.4036	14.7591	14.7591	18.8986	22.9243	22.9243	.0515	.0026	.0026
JoDavies.....	13.0332	15.2073	13.6124	.....	.7186	.9792	.9091	.2563	.4224
Johnson.....	7.3763	9.9906	6.0352	9.9396	14.0486	10.1649	.0048	.0257	.....
Kane.....	17.9766	16.9319	16.2752	.....	.0560	.0579	.0390	.1464	.0876
Kankakee.....	25.9834	23.8939	18.8431	.....	.6154	.7132	.5774	.0541	.0470
Kendall.....	33.7683	30.6904	28.0766	.....	.0652	.0608	.0377	.1082	.0499
Knox.....	30.0155	28.3602	26.7443	1.0001	.8737	.7477	.1162	.0328	.0700
Lake.....	9.4078	9.7209	8.2962	.....	.1378	.2135	.1235	.5895	.8052
LaSalle.....	35.7105	30.8851	27.0950	.....	.2924	.3684	.3579	6.9109	.2453
Lawrence.....	15.7125	12.3399	11.7413	17.6161	17.4849	16.2874	.0022	.....	.0043
Lee.....	31.0901	30.0408	30.0408	.....	.0220	.0429	.0428	.8123	1.1146



AREA OF PRINCIPAL CROPS—*Continued.**Per cent. of Total Area of each Connty in 1882, 1883, and 1884.*

COUNTIES.	CORN.			WINTER WHEAT.			SPRING WHEAT.		
	1882.	1883.	1884.	1882.	1883.	1884.	1882.	1883.	1884.
Livingston	37.6543	37.9604	35.6867	1.583	1.090	1.151	.0256	.0040	.0104
Logan	39.5658	40.4418	41.2844	7.9614	6.0688	8.2619	.0328	.3355	.1805
Macon	28.2147	36.0333	33.8102	9.2088	7.5811	8.0231	.0131	.0193	.0106
Macoupin	20.5936	15.9507	16.8102	11.9245	20.0378	18.2157	.0335	.0136	.....
Madison	21.8677	19.0672	16.9227	28.4139	28.6429	26.0250	.....	.....	.....
Marion	11.0397	10.5914	11.4886	14.4953	13.8467	11.6476	.0059	.0020	.0009
Marshall	23.3528	32.2619	32.2619	2.294	2.419	2.419	.0363	.0403	.0403
Mason	12.4314	12.4314	12.2267	2.6915	2.9067	2.8588	.245	.....	.2385
Massac	7.6463	7.6839	7.2968	12.0998	12.8037	12.7486	.0229	.....	.....
McDonough	14.3322	21.0224	21.0224	1.6780	2.7923	2.7923	.2305	.1714	.1714
McHenry	15.5996	14.7232	14.7154	1.819	1.993	1.637	.889	.7751	.9704
McLean	34.5143	32.6651	31.9024	1.3905	1.1017	.8187	.0408	.0278	.0193
Menard	35.1134	40.5725	36.1218	10.6713	9.3221	18.1059	.2583	.....	.....
Mercer	28.0306	26.1981	23.2155	4.059	3.229	1.883	.3726	.1093	.1584
Monroe	7.0476	6.8887	6.7957	27.9108	26.1975	28.3335	.....	.....	.....
Montgomery	24.4541	23.9533	36.5528	18.7511	20.3768	20.9375	.0431	.....	.0011
Morgan	32.6753	36.2695	34.8981	11.1962	11.5291	11.0941	.2264	.....	.2178
Moultrie	25.3330	28.2178	20.9310	5.1336	9.0790	7.3429	.0115	.....	.....
Ogle	25.5944	24.7213	24.3744	.8986	.8784	.7240	.2638	.1440	.2553
Peoria	23.8437	22.2008	22.4867	1.3718	1.3734	1.496	.0514	.0499	.0333
Perry	3.3924	4.9005	4.9100	11.3624	15.3755	15.3423	.0693	.0028	.0028
Piatt	26.3986	29.4006	21.0727	4.8354	5.2451	3.9256	.4228	.0080	.0035
Pike	11.2185	12.8942	12.0106	15.1998	18.6633	18.7478	.0082	.0062	.0076
Pope	8.2806	7.7466	7.7016	9.3232	9.3065	9.2525	.0107	.0051	.5051
Pulaski	11.5235	9.1979	9.2751	9.4010	8.8458	8.4883	.....	.....	.....
Putnam	25.1300	24.0953	26.1109	.9764	1.0315	.9438	.0632	.1461	.2706
Randolph	6.3742	7.2636	6.8937	24.9701	26.1938	26.2872	.0425	.....	.....
Rickland	9.2967	11.0448	10.8494	15.8566	18.3651	13.6377	.....	.....	.....
Rock Island	22.0527	20.9031	20.9060	1.482	1.139	.0861	.3426	.2835	.5299
Saline	9.9622	7.2988	6.4651	8.9781	8.2758	6.5200	.....	.0332	.0673
Sangamon	28.7740	30.2795	28.3868	9.2874	9.8547	9.7798	.0290	.0147	.0265
Schuyler	16.5174	15.3109	14.1787	9.4655	11.5600	11.9719	.0911	.0468	.0257
Scott	21.7644	12.0217	8.0676	12.3314	10.3543	7.4708	.0050	.0126	.0100
Shelby	18.4358	17.9157	17.8050	5.9678	12.483	11.3357	.0004	.029	.0122
Stark	34.1577	31.8882	32.7765	1.684	2.005	.1491	.0563	.0221	.0751
St. Clair	10.3728	12.1028	10.5903	32.2032	35.1141	30.5515	.....	.0435	.0012
Stephenson	22.7964	23.1528	21.9933	1.7064	1.6736	1.5259	1.0715	.7745	1.0938
Tazewell	29.6309	28.3982	15.5481	6.2555	6.6187	6.7173	.1094	.0381	.0645
Union	9.2522	6.8464	5.2266	15.2692	11.7451	9.9769	.0410	.0401	.....
Vermilion	20.7771	23.4455	23.8303	10.039	6.7650	5.1907	.5096	.0188	.0062
Wabash	13.0951	11.3063	12.5581	18.1738	17.8731	17.8128	.....	.....	.....
Warren	33.7073	32.4119	28.6632	4.552	3.155	2.089	.2151	.1024	.1124
Washington	8.0696	9.3155	9.4436	27.7191	29.8131	27.2710	.0000	.4182	.0020
Wayne	8.2082	8.8110	7.8559	9.2704	10.6312	6.0764	.0001	.....	.....
White	12.89	13.5625	12.1276	15.1519	17.6222	14.4738	.....	.1590	.....
Whiteside	26.2885	23.9107	20.5350	1.663	.0745	.1159	.3224	.2354	.2761
Will	22.9092	22.9306	21.8952	2.744	2.095	.2399	.1143	.0792	.0932
Williamson	10.2599	8.6618	6.1751	13.3144	13.0120	8.8312	.0000	.....	.0148
Winnebago	23.6530	23.4137	22.3988	.3911	.4834	.5979	.3521	.2440	.6734
Woodford	33.0919	31.6060	29.7275	1.2144	1.2874	1.1185	.0887	.0531	.0752
Average	21.2761	21.0542	19.8098	7.9415	8.4376	7.8183	.2726	.1271	.1461

## AREA OF PRINCIPAL CROPS.

*Per cent. of Total Area of each County in 1882, 1883 and 1884.*

COUNTIES.	OATS.			RYE.			PASTURES.		
	1882.	1883.	1884.	1882.	1883.	1884.	1882.	1883.	1884.
Adams.....	5.4368	5.4299	6.0329	.3643	.2994	.2269	9.9224	9.6969	10.2213
Alexander.....	.5541	.0604	.4459	.1042	.0605	.0282	.1325	.3122	.0119
Bond.....	6.6251	6.5772	7.7757	.7990	.1363	.2854	9.3297	14.6967	10.7962
Boone.....	13.8788	15.6143	16.2389	1.2226	.9228	1.1036	27.2241	24.2154	29.0787
Brown.....	.4034	.3941	.3734	.4089	.4247	.3422	15.2640	13.1250	14.3981
Bureau.....	8.4541	9.8178	11.3754	1.7073	1.3711	1.2197	19.8642	1.9774	19.7308
Calhoun.....	1.4740	1.7315	1.1579	.0210	.0211		1.7507	1.5077	1.4516
Carroll.....	11.8364	12.6823	11.6941	2.5520	2.9805	15.4800	20.8766	21.9810	20.2304
Cass.....	3.9482	3.7966	3.9046	.4909	.2775	.1786	10.2495	9.0819	9.5188
Champaign.....	9.2926	11.4954	12.0353	1.4452	.7801	.6398	14.7420	17.4470	17.1718
Christian.....	6.4490	6.1241	5.6617	.2106	.2013	.0806	13.4423	14.7654	15.2635
Clark.....	3.1618	3.3779	4.6911	.0493	.1024	.1589	9.2033	11.0719	8.8454
Clay.....	4.6409	5.6070	7.1334	.2512	.0738	.0924	7.4937	5.7930	7.0032
Clinton.....	7.0072	7.9521	7.8833	.2423	.2219	.0396	6.1371	7.1688	7.2809
Coles.....	4.4988	4.9606	4.3894	.1252	.1619	.1429	13.8720	14.9597	13.2009
Cook.....	13.4981	11.8251	12.0902	.1696	.1937	.1823	19.6794	16.5021	16.1224
Crawford.....	2.3018	2.1785	2.8989	.1433	.1088	.0992	8.9030	9.1985	8.8795
Cumberland.....	5.9439	5.8579	5.5744	.1095	.1159	.1666	11.9275	8.2340	10.7124
DeKalb.....	13.3405	14.2925	15.3202	.5045	.4099	.4761	26.8945	27.5690	29.4885
De Witt.....	8.8282	10.9686	11.0412	3.4037	1.2773	.7566	16.4081	17.6719	18.5723
Douglas.....	4.9428	6.1469	7.6920	.4067	.4030	.1657	13.5621	21.2873	19.3961
DuPage.....	16.9747	17.2688	9.1369	1.3949	1.0554	.9360	25.1648	29.8509	22.3183
Edgar.....	2.5245	3.1555	3.6590	.1079	.0778	.1104	19.5561	21.0820	22.6021
Edwards.....	4.4645	3.7241	5.6018	.0049	.0462	.0242	5.8756	6.2391	8.2220
Effingham.....	9.1934	9.0759	1.1007	.2657	.2356	.1738	7.9227	1.5509	11.9185
Fayette.....	4.3478	5.5836	5.7602	.1366	.1216	.1071	4.5833	4.8381	6.4041
Ford.....	9.0103	12.9725	13.2625	.4711	.4543	.3958	11.6482	11.6482	12.1512
Franklin.....	1.5571	.3674	.3674	.....	.0020	.8026		.3108	.3148
Fulton.....	4.6578	6.2696	6.2828	4.2231	8.1576	1.4704	10.6236	11.7161	11.9353
Gallatin.....	3.1924	2.9909	2.8124	.....	.1495	.1495	7.3941	1.5572	4.4066
Greene.....	1.6704	2.0396	1.7340	.9273	.2021	.0565	13.9645	15.3390	15.8303
Grundy.....	9.3074	10.7626	13.7837	.7113	.7411	.5082	23.7966	25.5736	23.2151
Hamilton.....	2.4700	2.4390	3.0085	.1857	.0205	.0022	3.3238	6.2622	21.1588
Hancock.....	9.2848	9.3942	9.8142	1.6789	1.4585	.7053	12.4306	9.9284	12.7946
Hardin.....	.9007	1.7929	.5993	.0338	.0457	.0209	2.6542	1.9398	1.8145
Henderson.....	8.2862	9.1886	9.1970	3.0914	3.0600	3.0624	24.0898	25.8963	25.9199
Henry.....	9.8641	12.3866	15.5033	2.3557	1.8800	1.4719	22.2391	21.6844	22.6918
Iroquois.....	6.9582	10.6277	22.5600	1.1872	.9752	.9273	12.5092	14.5520	15.9874
Jackson.....	1.8535	1.7983	2.0136	.0472	.0328	.0076	2.2897	1.8422	2.5062
Jasper.....	3.7470	3.8852	5.3116	.1641	.1461	.1700	4.6246	4.3768	6.7814
Jefferson.....	3.2687	3.5089	4.7181	.2059	.0388	.0569	7.0859	6.9029	7.7225
Jersey.....	3.7125	2.6785	2.6356	.0630	.0262	.0261	9.4746	9.9335	9.9240
JoDavies.....	8.2355	9.4896	10.3923	.5308	.5695	.4324	15.9874	16.7616	21.3180
Johnson.....	1.1594	1.4668	1.1395	.0286	.0338	.0095	2.4267	2.1628	2.1845
Kane.....	8.7830	10.1632	10.8478	.7340	.7059	.8318	30.5983	28.4008	29.9044
Kankakee.....	9.9925	10.1761	10.0690	1.2688	1.0706	1.9082	14.1778	15.4832	14.1713
Kendall.....	12.6706	14.0631	15.4331	.3266	.3572	.5551	22.8647	22.9245	23.1943
Knox.....	11.1860	12.0304	13.0842	3.2625	2.9994	.9404	28.7569	28.7723	26.3111
Lake.....	9.2203	10.2243	9.2091	.1572	.1622	.1745	24.6175	31.1415	26.9934
LaSalle.....	10.6057	12.9543	13.2142	.7636	.7868	.4284	15.9996	16.0474	14.9027
Lawrence.....	2.5731	1.9354	2.8540	.1852	.1321	.0959	11.4393	7.2949	11.5805
Lee.....	12.2723	12.1163	12.1163	.8731	.6413	.6413	16.2115	15.4592	15.8664

AREA OF PRINCIPAL CROPS—*Continued.**Per cent. of Total Area of each County in 1882, 1883 and 1884.*

COUNTIES.	OATS.			RYE.			PASTURES.		
	1882.	1883.	1884.	1882.	1883.	1884.	1882.	1883.	1884.
Livingston.....	11 8166	14 5165	16 9313	1 1075	1 0314	.7839	12 7905	15 2276	15 6222
Logan.....	6 6807	7 7891	9 3537	2 9890	1 0559	.4142	13 1968	14 7894	17 2243
Macon.....	9 8338	11 1750	10 9218	.7920	.2339	.1280	17 1151	16 2366	16 4417
Macoupin.....	6 0554	5 1471	4 20 5	.0478	.1038	.0353	13 0927	13 9493	15 8371
Madison.....	10 7047	4 8409	3 9840	.4581	.0361	.1068	1 6941	13 3897	10 3089
Marion.....	5 8104	6 4861	6 9006	.3419	.1310	.0810	8 3818	8 4376	9 1143
Marshall.....	9 1716	13 7113	13 7113	.9573	1 2098	13 0338	18 1473	18 1479	
Mason.....	2 0820		2 0478				2 0140	2 0141	
Massac.....	1 1915	1 1332	1 0453	.0188	.1039	.0275	1 4303	1 1559	1 5424
McDonough.....	4 2864	9 4883	9 4883	1 9247	2 8613	2 8612	8 2362	13 6424	13 6423
McHenry.....	9 3635	9 1252	10 1654	.2912	.2948	.3560	32 4786	29 1549	33 7117
McLean.....	10 8 81	13 0905	14 7506	3 0092	2 1464	1 2148	18 9851	20 2870	21 2617
Menard.....	7 2028	3 6206	5 5071	9 822	.5367	.5757	18 1985	18 0674	18 8894
Mercer.....	9 8101	11 2862	12 1766	2 6970	1 8291	1 4666	25 2565	23 5913	26 1017
Monroe.....	3 3854	3 2568	3 2639	.0567	.4290	.0408	2 8879	2 7941	3 0503
Montgomery.....	8 8159	8 5633	8 0204	.2309	.1796	.1339	13 7024	15 0231	15 2640
Morgan.....	3 1730		3 0531	1 3301	1 3301	1 2798	22 8720	23 2924	22 0075
Moultrie.....	6 4840	9 3417	6 9151	.2867	.2168	.0317	22 5805	14 2992	12 0062
Ogle.....	13 7408	15 4068	16 7152	1 3905	1 2595	1 3428	18 7771	17 9760	18 5487
Peoria.....	9 1319	9 6160	10 7819	2 6933	2 0438	1 0687	12 4315	13 1508	12 4861
Perry.....	2 5506	4 0768	6 0680	.0709	.0308	.0307	2 4445	1 9953	1 9908
Piatt.....	5 4061	7 3353	6 5607	.7727	.5870	.2399	12 0945	14 1534	7 2171
Pike.....	2 2910	2 1898	2 2280	17 3	.2273	.0618	5 6531	6 4159	6 9256
Pope.....	1 7418	1 6062	1 5969	.0163			5 0500	2 9240	2 9071
Pulaski.....	.5534	.8126	.8408		.0621	.0709	.5747	1 2045	1 4937
Putnam.....	7 2081	8 3591	8 5896	2 5689	1 3945	1 1408	18 9844	21 2496	23 6963
Randolph.....	7 0859	4 1506	4 7818	.0782	.0442	.0252	3 3875	2 9606	3 7206
Richland.....	4 7810	4 6697	6 5340	.4743	.3080	.0933	9 3116	8 6631	17 3465
Rock Island.....	8 0257	9 0137	8 6455	2 5746	2 0672	1 6777	20 1544	20 0264	21 0042
Saline.....	1 3099	1 3452	1 3810	.0843	.04 6	.0025	2 9813	1 5343	2 1253
Sangamon.....	3 7362	4 6244	4 5109	1 1731	.5305	.3198	20 0710	19 8180	18 8523
Schuyler.....	3 4573	3 6717	3 7113	.4623	.5880	.1936	10 3305	9 9547	14 0923
Scott.....	1 1490	.8422	.6896	.1663	.2240	.0596	8 6785	7 4902	4 4109
Shelby.....	5 6786	6 8855	6 5742	.2855	.2150	.1588	11 8227	14 0323	13 4412
Stark.....	11 3840	13 4226	14 8393	1 9170	1 3790	.9560	16 4304	18 6590	20 2695
St. Clair.....	4 1169	4 6540	4 6425	.0554	.0179	.0218	3 6222	3 6517	4 1318
Stephenson.....	12 6366	13 5917	14 6406	6 1490	4 6108	4 5398	15 4495	17 6612	17 9235
Tazewell.....	8 9788	10 2347	11 0318	2 1754	1 1555	.4880	10 0952	11 2783	13 9477
Union.....	2 4316	1 9076	.5710	.1294	.1053	.0380	2 6332	2 4875	2 0340
Vermilion.....	4 1356	5 4353	8 4494	.3798	.3604	.3692	21 1437	24 8738	22 2199
Wabash.....	2 6758	2 1024	3 0160	.0681	.0681	.0052	8 0229	3 2953	9 2662
Warren.....	11 0182	12 6297	12 6983	2 7675	1 7304	.7166	26 2085	30 0532	31 4458
Washington.....	6 4804	6 9357	9 3821	.1478	.0752	.0314	4 5960	5 3162	6 6509
Wayne.....	2 9029	3 2250	3 5473	.0978	.0205	.0051	6 3245	5 2945	5 3413
White.....	1 5439	2 0369	2 28 6	.1676	.0175	.0229	6 3942	4 3797	5 6989
Whiteside.....	8 8515	9 1672	9 5851	3 2130	3 6849	3 7362	19 7122	16 5238	19 2352
Will.....	14 4229	16 0250	17 5953	.9760	.7251	.5171	18 4858	20 7918	22 3734
Williamson.....	1 1200	1 4351	1 3460	.0328	.0535	.0109	3 9377	2 7406	3 4410
Winnebago.....	15 4978	13 2796	17 2200	3 2672	3 0515	3 0745	21 3025	20 6456	21 5643
Woodford.....	13 0656	16 3484	16 6159	2 2151	1 4021	.6641	12 1800	12 2926	13 4879
Average.....	7 1045	7 8469	8 4554	1 0306	.7977	.7369	13 5588	13 4409	14 6039



## AREA OF PRINCIPAL CROPS.

*Per cent. of Total Area of each County in 1882, 1883 and 1884.*

COUNTIES.	MEADOWS.			IRISH POTATOES.			ORCHARDS.		
	1882.	1883.	1884.	1882.	1883.	1884.	1882.	1883.	1884.
Adams .....	5.4048	5.7861	6.7310	.3043	.3396	.3119	1.1453	1.3081	1.1069
Alexander .....	2.2709	1.2145	.9346	.1115	.2909	.1726	.3103	.3592	.3756
Bond .....	4.8940	4.2396	4.8599	.1902	.1721	.2291	.7055	1.0110	1.1795
Boone .....	15.5059	16.0125	15.5520	.3937	.4414	.4605	.9548	.9194	.9308
Brown .....	5.3957	7.6826	7.0522	.1618	.235	.2160	.9693	1.0376	.8956
Bureau .....	6.7501	9.8667	10.4152	.3036	.3365	.3071	1.5436	1.7203	.8477
Calhoun .....	2.0708	1.2292	3.1730	.1419	.1492	.0683	1.2658	1.7628	1.4058
Carroll .....	10.6464	11.4546	11.0231	.4401	.4890	.3888	.7648	.8850	.5993
Cass .....	1.6075	1.3429	1.6486	.0938	.1540	.0685	.5267	.3613	.3639
Champaign .....	6.3798	7.6177	8.0521	.2866	.3906	.4763	1.0296	1.0622	1.0502
Christian .....	7.5099	8.5237	10.5456	.1356	.2644	.2814	.9473	1.3624	1.0701
Clark .....	6.3631	8.2764	6.9157	.2387	.1484	.1692	.7131	.7729	.6022
Clay .....	6.2018	6.5509	8.2407	.1020	.1719	.1110	.7757	.6917	.9202
Clinton .....	4.4028	4.2783	4.0158	.2774	.2560	.2648	.8649	.9130	.8282
Coles .....	7.0443	6.8880	6.9999	.1553	.2560	.2219	.7945	.8011	.7287
Cook .....	22.3716	21.6521	19.2967	2.2949	1.9736	1.9191	.6790	.6861	.7207
Crawford .....	4.3132	5.3472	5.2634	.1741	.1789	.1389	.5878	.670	.6469
Cumberland .....	9.4339	8.3109	10.7191	.0932	.1530	.1105	.6144	.6910	.5198
DeKalb .....	18.8577	20.6663	18.4176	.4003	.4134	.4550	1.1774	1.1949	1.0641
DeWitt .....	6.0143	6.4520	7.9219	.1687	.1807	.2299	.8217	.8757	.7748
Douglas .....	9.587	10.1095	9.8886	.1026	.1013	.1431	.7382	.9145	1.2904
DuPage .....	20.0832	20.7383	20.7864	1.6319	1.8381	1.7619	1.3762	1.3723	1.5853
Edgar .....	7.3697	9.6611	9.0037	.0905	.1648	.1510	.8547	.9621	.9383
Edwards .....	6.1878	8.2449	8.1978	.1692	.2007	.2119	.9993	1.1081	1.2233
Effingham .....	7.8776	7.3230	8.4782	.3086	.2910	.2157	.6900	.5971	.6515
Fayette .....	3.7424	4.3239	5.1109	.1113	.1018	.1230	.5190	.6545	.7053
Ford .....	8.5735	10.8350	11.4427	.0756	.1754	.1963	.7761	.8244	.6922
Franklin .....	1.3539	.8770	.5774	.0144	.0632	.0032	.....	.0923	.0927
Fulton .....	5.7503	6.7629	7.3005	.1851	.2227	.2559	.9216	.8142	.9428
Gallatin .....	7.1552	3.1803	5.0945	.0448	.2497	.3190	.5718	4.9848	2.2860
Greene .....	3.7628	5.0767	4.7031	.0932	.1559	.1603	.6600	.7532	.7602
Grundy .....	13.2129	15.8600	14.0647	.1932	.2750	.4066	.7742	1.0533	.7486
Hamilton .....	3.7669	2.6912	4.4677	.1989	.0748	.2403	1.0144	.7041	.8888
Hancock .....	7.6423	9.2812	9.4773	.1699	.2288	.2306	1.1782	1.1794	.9575
Hardin .....	1.4907	2.2091	1.3745	.7988	1.0589	1.2926	.6992	.5651	.2860
Henderson .....	5.0682	10.1211	5.9476	.0255	.1248	.1249	.7290	.6657	.6697
Henry .....	10.0475	10.8491	11.0486	.6286	.2741	.3120	.8549	.8516	.7932
Iroquois .....	8.7294	10.9347	10.8893	.1424	.2592	.2972	.6357	.6549	.6012
Jackson .....	3.4414	4.2109	4.1103	.0770	.1745	.1670	1.1103	1.4830	1.3944
Jasper .....	6.1337	6.2722	7.4459	.1364	.1423	.306	.4285	.4191	.4945
Jefferson .....	3.1943	3.4296	3.4446	.1131	.1263	.1445	.9523	.9180	.9386
Jersey .....	4.4363	4.4393	4.4393	.1920	.2043	.2045	.8412	.8854	.8961
Jo Daviess .....	8.2013	10.8957	11.7860	.3376	.4394	.4806	.4708	.5255	.5039
Johnson .....	2.1034	3.9939	4.5070	.0429	.1953	.0887	1.0572	1.0635	.9241
Kane .....	15.0440	17.1841	18.1503	.5545	.4250	.5230	.7337	.8322	.7535
Kankakee .....	15.0321	15.4635	14.6608	.2027	.3098	.2970	.6206	.6277	.5879
Kendall .....	10.6089	15.7930	14.9505	.3651	.2925	.....	1.5935	1.5605	1.5807
Knox .....	10.6971	11.4462	10.7939	.4257	.3219	.2863	1.0314	.9518	.8637
Lake .....	16.2339	17.0983	16.5559	.5494	.5934	.4960	1.0796	.9269	1.2108
LaSalle .....	11.2888	12.4952	11.6899	.4365	.4334	.4069	.8044	.9593	.9052
Lawrence .....	4.6187	6.2513	5.5810	.1839	.2119	.0997	1.1063	1.0108	.9828
Lee .....	15.8416	15.7183	15.7183	.5929	.5575	.5811	.9051	.8857	.8868

## AREA OF PRINCIPAL CROPS—Continued.

*Per cent. of Total Area of each County in 1882, 1883 and 1884.*

COUNTIES.	MEADOWS.			IRISH POTATOES.			ORCHARDS.		
	1882.	1883.	1884.	1882.	1883.	1884.	1882.	1883.	1884.
Livingston.....	9.7783	12.0698	12.6520	.2222	.3553	.5574	.7151	.7090	.7712
Logan.....	3.8080	4.2000	4.6132	.2716	.2877	.3106	.6568	.9577	.6303
Macon.....	6.2552	7.4612	7.7361	.2599	.3362	.2943	1.0408	1.0390	.9976
Macoupin.....	5.3656	5.7634	6.2314	.1531	.1920	.1219	.9709	.9298	.9589
Madison.....	10.4807	4.0973	5.5595	.9607	1.8751	2.1740	1.9191	1.4280	2.5982
Marion.....	5.3383	6.094	7.2759	.1681	.1000	.0690	1.4676	1.1251	1.7469
Marshall.....	5.8688	11.6143	11.6143	.1734	.4033	.4033	.6492	1.3590	1.3535
Mason.....	.8186	.8186	.8051						
Massac.....	2.1932	2.9187	2.8789	.1388	.1100	.2100	.8259	.7394	.8769
McDonough.....	3.2413	6.2380	6.2379	.0486	.1504	.1504	.4091	.8879	.8887
McHenry.....	17.1818	16.3241	15.6004	.4746	.4570	.5189	.8832	.6943	.6704
McLean.....	7.2260	8.4934	9.2010	.2535	.2198	.2737	1.0780	1.0331	1.0197
Menard.....	11.7061	13.9831	9.2820	.3274	.1559	.2879	.9212	.8581	.7109
Mercer.....	8.9683	10.0258	10.7764	.2512	.3251	.3165	.9548	.9151	.8593
Monroe.....	2.6061	4.3995	4.2585	.5231	.4412	.4719	.6531	.6115	.6047
Montgomery.....	6.6464	7.4273	7.1721	.1624	.2506	.1991	1.0638	1.1885	1.0672
Morgan.....	8.3166	8.3166	8.0022	.6976	.7115	.6712	1.0808		1.0399
Moultrie.....	5.6717	7.1523	6.4861	.0579	.1763	.1487	.6153	.7936	.5435
Ogle.....	11.0096	10.9229	11.8044	.3773	.3640	.4144	.7498	.6745	.7978
Peoria.....	6.7844	8.3292	8.6094	.3468	.4391	.4202	.7725	.5962	.6345
Perry.....	1.5002	2.5630	2.5575	.1653	.1582	.1559	.2760	.5813	.5960
Platt.....	4.8205	5.4516	4.0492	.2103	.3402	.1736	.7175	.7335	.4891
Pike.....	2.7193	4.1884	3.9646	.1477	.1235	.1395	.5194	.8021	.7100
Pope.....	1.9054	2.0192	2.0074	.5756	.5726	.5693	1.0903	.8405	.8356
Pulaski.....	2.4764	3.1602	3.1957	.3725	.4036	.4523		1.3775	2.0613
Putnam.....	5.8897	7.2551	7.3909	.1660	.2319	.2046	.9292	.7495	.9758
Randolph.....	2.7143	3.8151	4.0734	.1973	.2438	.2491	.8208	.8409	.7975
Richland.....	6.0598	7.9631	9.2936	.2151	.2530	.2336	1.0432	1.1075	1.2236
Rock Island.....	10.2303	11.5800	11.9676	.7623	.9133	1.0688	1.4523	1.1680	1.0587
Saline.....	2.5275	2.9265	3.1135	.0452	.4780	.0295	.6558	.4625	.4131
Sangamon.....	5.2055	6.2124	6.6161	.1768	.2392	.2307	.7765	.7493	.7475
Schuyler.....	5.9578	6.7810	6.6684	.1389	.1922	.1615	.9103	.8435	.9221
Scott.....	2.3816	2.0960	1.5494	.0562	.0935	.0383	.2846	.3263	.2021
Shelby.....	6.1267	8.3422	8.6469	.1446	.1947	.2040	.7934	.9026	.9779
Stark.....	6.7618	7.9657	8.4187	.2391	.2425	.2618	.6809	.5760	.5562
St. Clair.....	4.0863	4.8761	4.9817	.9728	1.0056	.7786	1.0374	.9831	.8987
Stephenson.....	10.2785	10.5884	11.1992	.5265	.5100	.4902	.9495	1.0889	.7661
Tazewell.....	6.3224	7.0359	.4517	.2126	.2503	.2596	.7405	.7777	.7101
Union.....	4.3433	4.7834	3.5925	.2339	.2100	1.7652	2.6103	1.4666	1.5521
Vermilion.....	7.1087	9.0734	9.5471	.1811	.1999	.2410	.8091	.7347	.7269
Wabash.....	6.1905	5.6774	5.4651	.2129	.2307	.0989	1.0519	.8841	.7884
Warren.....	6.6951	8.8675	9.7219	.1406	.2001	.2748	.9892	.6730	.5897
Washington.....	1.5483	2.2413	2.0480	.2563	.2420	.2735	.9546	.6620	.8076
Wayne.....	5.3617	6.8312	7.2787	.2177	.1497	.0774	.8031	.8109	.9289
White.....	4.4784	5.4915	5.3305	.1398	.1969	.1173	.7253	.6654	.5729
Whiteside.....	10.8274	11.2058	11.1729	.3464	.3238	.3627	.8349	.7904	.6982
Will.....	16.3709	17.4831	17.5376	.4711	.5547	.5739	.9970	.9415	.8972
Williamson.....	3.6454	4.5799	3.9869	.1791	.1164	.1166	1.1173	.9555	.7647
Winn-bago.....	11.8179	11.5997	12.0493	.4088	.4554		.8417	.9323	.7957
Woodford.....	7.7566	8.5441	8.3490	.2535	.2793	.2842	.9262	.8087	.8121
Average.....	7.5885	8.4899	8.6558	.3085	.3423	.3609	.8736	.8989	.8744

## TAXATION PER ACRE.

COUNTIES.	*TOTAL TAX.			RATE OF TAXATION PER ACRE.		
	1882.	1883.	1884.	1882.	1883.	1884.
Adams .....	\$380.630 67	\$378.986 10	\$369.553 89	\$0 72	\$0 72	\$0 70
Alexander .....	59.888 69	73.633 66	89.499 82	54	66	78
Bond .....	59.884 39	64.255 96	78.777 21	24	25	31
Boone .....	62.919 84	72.949 24	69.309 02	35	41	39
Brown .....	55.052 50	56.338 66	63.217 60	29	30	33
Bureau .....	257.363 39	285.606 10	267.676 72	47	48	49
Calhoun .....	22.499 73	23.213 97	22.501 83	13	14	12
Carroll .....	105.319 46	130.983 12	113.877 46	36	45	37
Cass .....	106.870 27	106.888 64	117.686 39	44	44	49
Champaign .....	289.119 11	314.640 07	321.133 80	46	50	51
Christian .....	187.878 26	230.113 09	227.390 79	42	51	51
Clark .....	135.037 42	122.610 02	136.835 90	42	38	42
Clay .....	131.849 89	82.953 29	72.733 93	46	29	26
Clinton .....	100.988 30	98.024 45	96.817 79	33	32	31
Coles .....	151.839 79	170.971 46	190.671 57	47	53	59
Cook .....	3,740.145 90	9,078.003 02	4,422.656 26	7 27	17 66	8 60
Crawford .....	79.527 63	88.033 39	83.627 82	29	32	30
Cumberland .....	61.806 48	64.763 78	67.151 97	23	29	30
DeKalb .....	171.869 16	183.170 76	179.446 08	43	46	44
DeWitt .....	154.981 06	153.004 30	162.404 58	61	63	64
Douglas .....	119.964 86	131.277 39	136.214 80	45	50	51
DuPage .....	102.502 62	109.321 76	111.215 92	50	53	54
Edgar .....	196.529 66	208.067 02	231.527 09	49	52	58
Edwardsville .....	37.143 09	48.828 61	44.801 56	26	35	32
Effingham .....	85.917 73	86.417 25	75.510 25	30	30	26
Fayette .....	104.866 15	106.227 08	117.890 20	25	25	28
Ford .....	121.180 24	136.442 82	130.696 29	38	43	41
Franklin .....	57.289 96	52.031 07	65.268 45	23	21	26
Fulton .....	221.103 57	270.049 84	274.159 40	40	49	50
Gallatin .....	73.299 56	78.530 40	91.980 75	36	39	46
Greene .....	117.541 92	139.733 59	141.273 75	34	41	41
Grundy .....	123.714 07	136.120 39	144.853 80	46	51	54
Hamilton .....	74.389 22	70.433 03	75.520 04	27	26	26
Hancock .....	188.425 20	193.301 36	226.689 67	38	40	43
Hardin .....	16.868 98	18.022 85	17.207 46	15	16	16
Henderson .....	131.506 61	135.063 64	145.299 95	55	57	61
Henry .....	238.442 39	249.897 59	245.299 69	46	48	47
Iroquois .....	218.294 37	248.661 72	257.270 59	31	35	36
Jackson .....	852.296 04	79.528 12	108.756 52	23	24	33
Jasper .....	94.917 12	98.230 11	84.183 62	30	32	27
Jefferson .....	91.456 13	69.869 17	89.900 03	27	21	25
Jersey .....	95.211 56	97.770 16	111.554 47	40	41	48
Jo Daviess .....	124.464 78	131.249 10	127.408 66	33	35	34
Johnson .....	56.241 71	64.561 14	85.820 87	27	31	41
Kane .....	230.042 07	321.392 26	355.519 68	87	99	1 10
Kankakee .....	149.639 95	198.137 54	240.381 63	35	47	57
Kendall .....	72.969 62	112.728 65	100.923 33	36	55	49
Knox .....	188.645 21	199.326 70	241.786 29	42	44	54
Lake .....	91.661 66	111.978 51	106.639 61	32	39	38
LaSalle .....	546.576 83	584.903 81	573.992 02	77	82	80
Lawrence .....	50.533 59	61.155 77	56.638 93	22	27	24
Lee .....	205.406 03	245.311 90	334.058 89	44	53	72



## TAXATION PER ACRE.—Continued.

COUNTIES.	*TOTAL TAX.			RATE OF TAXATION PER ACRE.		
	1882.	1883.	1884.	1882.	1883.	1884.
Livingston .....	\$295,466 89	\$295,760 12	\$307,315 44	\$0 45	\$0 45	\$0 47
Logan .....	230,991 85	254,884 78	272,320 10	58	65	69
Macon .....	215,406 12	255,144 88	258,610 13	59	69	70
Macoupin .....	278,854 86	330,760 06	342,776 94	51	61	63
Madison .....	332,761 04	413,945 39	365,394 78	74	92	81
Marion .....	90,837 24	95,826 26	99,018 10	27	28	29
Marshall .....	112,823 46	128,560 69	114,584 90	45	52	46
Mason .....	187,747 42	174,977 95	149,320 03	53	50	42
Massac .....	42,769 41	39,209 28	39,361 76	29	27	26
McDonough .....	164,280 49	184,134 92	167,185 28	45	50	46
McHenry .....	146,357 12	160,781 51	173,769 51	38	42	45
McLean .....	422,769 91	448,398 28	464,755 04	56	61	62
Menard .....	101,456 17	106,202 79	93,128 10	51	53	47
Mercer .....	146,485 07	157,388 17	165,071 48	42	45	47
Monroe .....	69,709 48	73,827 24	74,176 06	29	31	31
Montgomery .....	153,043 13	168,000 06	182,000 23	35	38	41
Morgan .....	248,394 16	175,537 85	188,076 02	70	50	51
Moultrie .....	92,900 41	159,597 16	162,929 81	42	73	75
Ogle .....	227,273 84	217,825 49	215,834 24	47	45	45
Peoria .....	348,679 51	429,624 44	444,909 63	90	1 11	1 15
Perry .....	68,606 02	73,796 09	72,030 60	27	29	29
Piatt .....	135,900 67	136,336 09	149,286 94	47	47	52
Pike .....	194,845 99	208,389 01	218,826 51	38	41	42
Pope .....	47,392 20	46,295 49	38,220 07	20	20	16
Pulaski .....	72,751 49	47,044 94	37,787 48	65	42	33
Putnam .....	42,574 67	45,355 72	40,937 87	40	43	38
Randolph .....	173,697 00	139,711 34	156,463 94	48	39	44
Richland .....	65,993 17	85,000 36	81,007 80	29	37	36
Rock Island .....	221,744 48	229,652 06	232,112 10	83	86	87
Saline .....	80,193 55	55,446 75	58,143 35	33	23	24
Sangamon .....	365,461 93	432,404 88	405,037 06	66	79	74
Schuyler .....	91,802 74	87,523 17	90,197 58	33	31	32
Scott .....	59,958 56	60,082 23	54,317 01	37	39	34
Shelby .....	170,785 46	178,282 21	207,383 56	35	34	43
Stark .....	108,082 82	119,359 40	125,976 47	54	66	69
St. Clair .....	345,002 97	331,707 21	363,911 74	82	79	87
Stephenson .....	170,308 20	160,341 20	181,531 13	47	45	51
Tazewell .....	231,504 17	240,479 26	249,754 58	57	59	61
Union .....	53,799 23	52,538 44	52,573 87	23	23	23
Vermilion .....	327,467 30	371,999 02	387,144 26	58	66	68
Wabash .....	74,137 39	75,378 96	78,746 04	48	50	52
Warren .....	162,880 66	178,830 71	173,281 49	48	53	51
Washington .....	100,045 72	115,927 07	106,263 44	29	34	31
Wayne .....	104,116 77	81,558 95	90,997 96	23	18	20
White .....	106,598 55	119,617 71	126,128 68	34	38	40
Whiteside .....	202,652 99	209,045 01	206,114 90	47	48	48
Will .....	270,540 96	327,592 87	326,084 70	51	62	62
Williamson .....	47,221 54	51,834 74	55,602 21	18	20	22
Winnebago .....	169,680 54	158,749 88	160,076 57	53	49	50
Woodford .....	141,598 24	151,431 55	155,113 51	42	45	46
Total or average...	\$18,992,948 50	\$25,405,923 07	\$21,259,915 83	\$0 55	\$0 73	\$0 61

\* Embraces State, county, township, school, road and bridge taxes, registered bond fund, and all other taxes, except city and incorporated town taxes.

## ROAD AND BRIDGE TAX.

COUNTIES.	1880.	1881.	1882.	1883.	1884.	Total road and bridge tax expended in five years.
Adams.....	\$18,152 33	\$21,348 05	\$27,642 99	\$41,128 95	\$39,742 71	\$148,015 03
Alexander.....						
Bond.....	2,510 89	2,673 66	2,761 00	2,803 90	4,455 82	15,205 27
Boone.....	4,309 24	4,554 17	4,883 89	12,648 64	11,521 49	37,917 43
Brown.....	3,947 10	3,106 32	5,278 39	8,304 44	7,951 98	28,588 23
Bureau.....	43,161 87	38,049 95	65,171 05	75,078 93	68,876 61	290,338 41
Calhoun.....	7,292 41	1,930 22	1,868 64	1,866 56	1,791 21	14,749 04
Carroll.....	15,471 71	16,952 56	21,692 60	28,321 55	21,111 63	103,550 05
Cass.....			14,380 54	140 00		14,520 54
Champaign.....	28,485 71	34,297 36	32,230 59	42,318 97	51,694 30	189,026 93
Christian.....	20,362 85	10,974 07	22,895 95	34,863 10	28,333 74	117,431 71
Clark.....	7,974 76	6,246 47	8,210 84	15,847 14	16,155 24	54,434 45
Clay.....	1,954 49	3,241 76	5,099 97	6,532 23	7,407 15	24,235 60
Clinton.....	13,299 06	13,020 09	15,816 87	16,478 09	17,438 91	76,053 02
Coles.....	20,638 15	20,552 56	15,497 39	22,871 47	24,806 83	104,366 40
Cook.....	29,072 11	42,146 47	7,922 22		41,187 94	120,329 24
Crawford.....	3,884 07	5,330 54	5,859 99	11,226 53	8,509 64	34,810 77
Cumberland.....	5,087 33	4,365 59	6,470 54	9,896 44	9,016 61	54,835 51
DeKalb.....	22,874 55	28,278 64	32,698 68	42,511 22	42,353 09	168,716 18
DeWitt.....	13,412 27	13,519 00	11,388 31	12,944 00	18,031 15	69,294 73
Douglas.....	9,094 93	13,350 40	14,335 31	210 82	25,500 76	62,492 22
DuPage.....	10,992 52	12,753 73	35,569 00	21,113 80	26,663 53	107,092 38
Edgar.....	19,733 91	19,766 23	22,870 07	25,856 89	33,220 89	121,447 99
Edwards.....	3,111 22	3,160 12	3,010 66	3,147 06	3,102 48	15,531 54
Effingham.....	4,562 99	3,539 97	6,026 73	6,761 53	7,185 84	28,077 06
Fayette.....	8,054 90	6,205 24	8,343 63	19,716 24	16,483 80	58,803 81
Ford.....	13,895 95		15,360 35	24,687 97	19,408 20	73,352 47
Franklin.....	2,927 20	2,454 24	2,992 26	2,255 01	1,409 74	12,038 45
Fulton.....	24,234 83		24,853 88	46,554 33	39,969 43	139,616 47
Gallatin.....			1,693 81	1,693 81	1,653 39	5,041 01
Greene.....	4,801 49	5,184 21	5,327 67	5,290 95	5,162 16	25,766 48
Grundy.....	16,467 53	15,356 52	18,319 50	26,748 91	32,851 20	109,773 66
Hamilton.....		2,014 00	1,863 88			3,877 88
Hancock.....	22,539 47	19,473 54	19,011 37	31,539 67	34,127 36	126,691 41
Hardin.....			86 59	86 59		173 18
Henderson.....	5,376 28	6,017 22	7,918 84	7,850 27	1,553 50	28,721 11
Henry.....	28,091 98	29,402 51	37,161 06	50,042 43	39,930 04	184,628 02
Iroquois.....	30,537 89	30,843 76	32,854 40	57,970 05	55,229 36	207,525 47
Jackson.....	6,573 25	8,570 64	6,943 19			22,087 03
Jasper.....	3,878 16	3,878 71	5,985 29	7,427 74	7,736 93	28,906 83
Jefferson.....	5,637 80	4,542 18	6,055 61	5,827 94	7,085 37	29,148 90
Jersey.....	7,350 90	6,375 15	14,775 08		16,215 93	29,774 28
JoDaviess.....	15,664 61	14,942 78	13,959 61	24,422 24	23,456 66	117,437 55
Johson.....		2,082 07	2,082 07	1,721 77		5,885 91
Kane.....	32,348 79	39,166 14	46,860 55	46,829 32	58,216 07	233,420 87
Kankakee.....	19,157 47	17,886 51	17,456 67	38,115 59	30,843 02	123,459 26
Kendall.....	9,728 08	17,464 58	11,304 03	18,601 69	16,910 90	74,010 28
Knox.....	2,999 24	18,905 35	25,952 63	35,777 73	32,969 18	116,604 13
Lake.....	6,180 12	8,906 42	8,950 76	8,830 86	12,051 63	45,822 79
LaSalle.....	42,627 63	67,398 87	75,835 75	101,787 43	93,037 66	380,687 34
Lawrence.....	4,878 53	4,096 73	5,272 14	10,024 17	7,951 85	32,223 42
Lee.....	23,568 64	25,637 59	22,357 75	36,209 02	33,898 99	141,762 99

## ROAD AND BRIDGE TAX—Continued.

COUNTIES.	1880.	1881.	1882.	1883.	1884.	Total road and bridge tax expended in five years.
Livingston ..	\$41,765 63	\$33,704 28	\$43,156 76	\$43,559 45	\$48,478 02	\$210,664 74
Logan.....	20,070 74	18,309 04	31,532 84	48,090 15	41,159 14	159,161 91
Macon.....	23,929 77	25,657 56	25,465 40	40,581 55	40,899 63	156,533 91
Macoupin ...	18,907 42	26,378 38	34,919 22	52,873 61	40,408 15	173,516 78
Madison.....	26,731 77	25,956 77	34,674 31	.....	44,596 50	131,959 35
Marion.....	7,080 83	5,542 73	9,193 60	12,873 79	12,985 54	48,181 49
Marshall.....	11,346 42	12,112 82	11,772 18	16,903 58	17,292 96	69,429 96
Mason.....	6,331 92	8,298 92	9,445 02	18,042 11	16,438 92	58,556 89
Massac.....	1,475 85	1,459 73	3,312 47	1,635 09	1,756 65	9,669 79
McDonough..	39,044 04	14,437 27	15,339 37	.....	21,838 89	90,659 57
McHenry.....	11,580 63	14,146 28	17,987 19	26,534 36	33,047 25	113,295 71
McLean.....	33,208 79	33,991 76	45,036 52	50,703 76	59,745 37	222,752 20
Menard.....	4,433 91	4,844 21	4,578 80	6,640 12	6,245 32	26,742 36
Mercer.....	20,204 69	23,866 25	20,879 79	37,207 35	28,436 86	130,594 84
Monroe.....	4,460 57	2,310 46	2,317 09	2,687 47	2,549 21	14,324 90
Montgomery.	14,633 08	10,404 78	18,984 58	29,096 70	27,095 96	100,215 10
Morgan.....	13,726 31	13,440 18	13,743 63	.....	.....	43,910 12
Moultrie.....	5,799 74	7,375 34	8,157 49	10,292 40	12,078 75	43,703 72
Ogle.....	21,190 45	20,935 56	35,377 22	38,639 77	35,835 14	152,028 14
Peoria.....	22,295 89	26,115 33	37,348 42	64,287 94	57,447 45	207,493 03
Perry.....	.....	.....	14,464 66	.....	.....	14,464 66
Piatt.....	10,817 87	10,552 61	20,799 24	16,593 56	20,411 64	79,174 72
Pike.....	20,858 09	18,227 95	26,804 37	32,775 96	39,305 72	137,962 09
Pope.....	2,431 26	2,576 32	2,464 22	2,174 41	2,169 96	11,816 17
Pulaski.....	45,820 50	3,874 32	3,880 04	.....	.....	53,574 86
Putnam.....	5,320 33	6,191 73	6,775 16	8,873 41	6,681 84	33,842 47
Randolph.....	5,081 43	5,527 78	5,579 14	5,374 21	4,981 01	26,543 57
Richland.....	6,248 67	6,622 87	7,461 61	7,485 00	9,402 44	37,226 59
Rock Island.	9,331 20	11,329 29	18,529 91	20,313 86	17,775 34	77,276 60
Saline.....	.....	.....	1,272 95	.....	.....	1,272 95
Sangamon...	24,216 37	29,869 83	47,664 64	60,980 17	50,272 33	213,003 34
Schuyler.....	5,590 76	5,929 51	6,393 41	10,114 02	10,497 82	38,525 52
Scott.....	2,235 77	2,267 13	4,711 99	4,467 69	2,242 62	15,925 20
Shelby.....	16,331 50	15,449 90	20,319 18	31,520 15	28,590 81	112,211 54
Stark.....	11,284 07	10,405 01	13,450 08	21,016 67	18,149 18	14,305 01
St. Clair.....	18,105 34	31,075 51	31,643 58	30,576 74	54,778 75	166,199 92
Stephenson..	.....	19,740 17	21,601 53	23,643 17	23,730 45	88,715 32
Tazewell.....	17,567 38	19,184 37	22,318 41	39,163 04	35,316 33	133,550 53
Union.....	.....	.....	1,800 00	.....	.....	1,800 00
Vermilion...	32,153 85	30,769 90	38,844 63	65,051 66	71,018 20	237,838 24
Wabash.....	2,445 82	2,481 56	2,412 82	2,313 13	1,976 68	11,630 01
Warren.....	22,005 63	19,623 51	23,252 37	28,117 38	28,733 88	121,732 77
Washington..	.....	.....	14,430 40	11,800 19	11,079 40	37,309 99
Wayne.....	7,591 72	5,217 48	8,943 84	7,089 18	7,293 05	36,135 27
White.....	7,023 67	6,023 01	8,128 18	11,644 46	14,375 81	47,195 13
Whiteside...	27,127 15	31,063 61	37,144 31	47,681 14	38,764 53	181,780 74
Will.....	40,273 00	43,951 14	43,500 48	63,389 82	61,931 62	253,046 06
Williamson..	1,265 30	846 39	1,470 82	1,699 74	2,085 46	7,367 71
Winnebago...	13,488 48	13,544 87	10,619 95	17,002 74	20,343 53	75,029 57
Woodford...	10,925 29	11,316 89	14,463 64	26,213 58	25,378 93	87,398 33
Total ....	\$1,359,817 91	\$1,369,117 07	\$1,738,160 05	\$2,150,687 18	\$2,259,934 06	\$8,877,716 27



## VALUE OF LANDS IN ILLINOIS.

COUNTIES.	Full value per acre based upon returns of the State Board of Equalization.				
	1880.	1881.	1882.	1883.	1884.
Adams.....	\$31 36	\$31 38	\$32 08	\$30 28	\$29 76
Alexander.....	6 08	6 86	6 98	6 62	6 52
Bond.....	14 76	16 76	17 96	17 08	18 62
Boone.....	31 58	29 22	29 96	28 50	27 80
Brown.....	16 32	18 64	16 96	15 08	14 90
Bureau.....	29 34	27 44	28 00	27 56	26 84
Calhoun.....	7 76	6 82	7 09	6 68	6 50
Carroll.....	21 74	21 52	23 94	22 72	22 44
Cass.....	22 52	22 44	23 02	21 86	21 46
Champaign.....	25 60	25 44	25 92	25 78	26 12
Christian.....	26 60	26 48	26 88	24 46	24 08
Clark.....	12 46	11 78	12 98	13 30	13 96
Clay.....	12 18	11 78	11 96	10 44	9 28
Clinton.....	16 48	16 70	18 04	17 06	16 74
Coles.....	24 94	23 42	25 90	25 76	25 10
Cook.....	51 28	86 14	87 84	83 70	81 84
Crawford.....	10 20	11 96	11 96	11 40	12 06
Cumberland.....	9 94	10 80	11 96	11 40	11 10
DeKalb.....	25 94	27 30	27 96	26 66	26 02
DeWitt.....	29 38	27 36	27 92	25 56	24 22
Douglas.....	24 44	24 48	26 06	24 70	24 10
DuPage.....	42 18	41 08	40 08	36 10	33 36
Edgar.....	23 98	25 40	26 04	25 56	25 12
Edwards.....	15 80	15 76	16 02	15 18	14 88
Effingham.....	11 80	10 82	10 98	10 46	9 36
Fayette.....	12 20	10 80	13 00	12 32	12 06
Ford.....	16 50	17 66	17 98	17 10	16 68
Franklin.....	6 16	6 34	7 98	7 60	7 44
Fulton.....	26 44	25 46	25 86	23 80	23 34
Gallatin.....	7 08	6 82	9 02	7 60	7 42
Greene.....	21 92	25 60	27 00	25 64	25 18
Grundy.....	26 00	23 50	23 78	22 80	22 26
Hamilton.....	6 26	6 88	6 98	6 62	6 48
Hancock.....	25 74	25 48	26 00	24 42	24 08
Hardin.....	5 94	6 92	8 02	7 66	7 44
Henderson.....	19 00	17 74	17 94	17 16	16 74
Henry.....	28 08	27 42	27 80	27 44	26 00
Iroquois.....	18 62	19 66	19 92	19 08	18 60
Jackson.....	7 26	7 86	8 96	9 48	8 36
Jasper.....	10 04	10 82	10 98	10 42	9 32
Jefferson.....	7 88	8 80	9 98	9 48	9 30
Jersey.....	27 20	24 70	25 08	23 82	23 34
JoDaviess.....	13 56	14 78	16 86	15 26	15 74
Johnson.....	5 96	6 86	7 00	6 66	6 48
Kane.....	33 12	37 08	37 90	36 28	35 42
Kankakee.....	17 48	19 70	19 96	19 04	18 62
Kendall.....	29 80	27 04	27 82	26 74	26 00
Knox.....	31 40	34 36	34 78	32 28	31 50
Lake.....	25 62	27 46	28 04	26 64	26 06
LaSalle.....	31 18	19 26	29 84	28 64	27 76
Lawrence.....	11 34	10 78	12 00	11 36	11 18
Lee.....	24 86	23 52	23 88	22 68	22 18

VALUE OF LANDS IN ILLINOIS.—*Continued.*

COUNTIES.	Full value per acre based upon returns of the State Board of Equalization.				
	1880.	1881.	1882.	1883.	1884.
Livingston.....	\$22 64	\$22 52	\$22 92	\$21 86	\$21 40
Logan.....	33 94	31 40	32 12	30 78	29 64
Macon.....	31 36	31 48	32 04	28 40	29 66
Macoupin.....	27 26	27 50	29 96	30 44	27 88
Madison.....	36 02	37 16	38 02	34 14	35 46
Marion.....	14 86	12 72	12 96	12 42	11 14
Marshall.....	24 98	26 38	26 96	25 68	25 02
Mason.....	17 26	19 64	17 92	17 12	16 70
Massac.....	6 22	6 90	8 02	7 58	7 46
McDonough.....	28 88	25 50	30 06	28 46	27 92
McHenry.....	24 50	23 58	25 14	23 72	23 24
McLean.....	33 00	31 46	32 00	30 28	29 90
Menard.....	28 84	28 52	39 02	26 72	25 92
Mercer.....	24 34	24 62	24 96	23 82	23 12
Monroe.....	15 20	17 70	19 98	19 06	18 58
Montgomery.....	19 34	23 62	25 04	24 64	24 12
Morgan.....	31 38	32 38	33 16	31 52	30 62
Moultrie.....	21 96	22 52	22 96	19 10	18 54
Ogle.....	26 20	25 56	28 14	26 70	36 14
Peoria.....	31 16	32 26	32 94	32 36	31 60
Perry.....	10 22	10 76	13 09	10 50	10 20
Piatt.....	25 38	25 42	26 12	24 52	24 08
Pike.....	21 98	21 60	23 06	21 82	21 26
Pope.....	5 86	6 86	7 00	6 48	6 50
Pulaski.....	7 14	6 88	7 02	6 62	6 50
Putnam.....	26 30	25 52	25 86	24 78	24 10
Randolph.....	14 18	16 68	17 98	16 12	15 80
Richland.....	10 12	10 80	10 98	10 42	9 30
Rock Island.....	21 78	20 68	21 94	20 94	20 34
Saline.....	5 84	9 86	7 97	7 60	7 44
Sangamon.....	34 28	34 34	35 02	34 14	33 54
Schuyler.....	17 56	19 60	19 88	19 04	18 64
Scott.....	22 04	22 68	24 04	23 76	23 32
Shelby.....	20 38	19 60	20 10	19 08	18 80
Stark.....	30 20	31 46	32 08	30 10	30 80
St. Clair.....	44 52	45 48	47 86	45 48	48 22
Stephenson.....	28 76	25 34	27 96	26 64	26 20
Tazewell.....	30 12	29 50	30 00	29 40	28 78
Union.....	7 82	7 84	9 00	9 52	9 28
Vermilion.....	27 18	27 42	28 12	26 62	26 06
Wabash.....	14 70	15 62	16 02	15 20	14 96
Warren.....	29 86	28 38	29 04	27 56	26 82
Washington.....	17 36	17 60	19 92	18 94	18 54
Wayne.....	7 36	7 82	7 98	7 62	6 52
White.....	7 90	9 80	10 98	10 48	11 16
Whiteside.....	23 14	23 40	23 98	22 78	22 38
Will.....	28 46	27 30	28 04	26 52	26 00
Williamson.....	6 28	7 80	8 98	9 48	10 18
Winnebago.....	26 16	27 38	27 92	26 46	25 88
Woodford.....	28 90	29 54	30 92	29 18	28 84
Total or average.....	\$22 52	\$22 72	\$23 82	\$22 08	\$20 80

## VALUE FARM PRODUCTS PER ACRE.

COUNTIES.	Per cent. of value of farm crops and live stock marketed to the full value of land per acre.				
	*1880.	1881.	1882.	1883.	1884.
Adams.....	22	24	27	24	23
Alexander.....	50	29	60	60	37
Bond.....	32	19	44	21	23
Boone.....	24	33	49	44	49
Brown.....	37	33	49	47	45
Bureau.....	27	29	33	37	29
Calhoun.....	62	51	76	76	59
Carroll.....	42	41	58	39	42
Cass.....	21	16	27	26	23
Champaign.....	27	31	38	34	25
Christian.....	54	29	54	28	28
Clark.....	37	26	42	28	26
Clay.....	31	22	45	34	35
Clinton.....	42	27	57	30	36
Coles.....	23	23	31	26	22
Cook.....	14	8	15	11	10
Crawford.....	48	23	47	32	29
Cumberland.....	43	32	48	34	44
DeKalb.....	39	42	58	50	48
DeWitt.....	21	35	55	29	28
Douglas.....	31	34	56	54	22
DuPage.....	23	17	45	42	44
Edgar.....	34	25	33	17	25
Edwards.....	31	16	46	37	36
Effingham.....	41	34	73	35	44
Fayette.....	35	22	39	16	25
Ford.....	39	47	44	32	35
Franklin.....	43	18	38	12	12
Fulton.....	24	24	34	28	30
Gallatin.....	44	48	97	175	86
Green.....	38	23	34	31	26
Grundy.....	28	25	40	29	36
Hamilton.....	49	20	71	37	19
Hancock.....	29	26	28	26	25
Hardin.....	48	30	28	26	25
Henderson.....	38	33	52	42	42
Henry.....	31	31	46	33	33
Iroquois.....	27	42	36	34	33
Jackson.....	41	35	54	44	42
Jasper.....	33	17	43	28	32
Jefferson.....	48	25	59	41	38
Jersey.....	33	31	36	27	30
Jo Daviess.....	45	52	56	52	56
Johnson.....	43	41	52	55	46
Kane.....	23	26	47	45	42
Kankakee.....	29	33	41	32	31
Kendall.....	36	41	55	36	34
Knox.....	30	30	39	33	30
Lake.....	22	25	32	41	33
La Salle.....	28	27	42	30	30
Lawrence.....	50	22	57	38	36
Lee.....	25	46	45	37	42



VALUE FARM PRODUCTS PER ACRE—*Continued.*

COUNTIES.	Per cent. of value of farm crops and live stock marketed to the full value of land per acre.				
	*1880.	1881.	1882.	1883.	1884.
Livingston.....	26	44	45	38	35
Logan.....	24	35	33	29	25
Macon.....	28	33	33	31	30
Macoupin.....	32	26	26	21	21
Madison.....	31	28	39	23	22
Marion.....	49	19	56	33	27
Marshall.....	35	29	33	30	33
Mason.....	47	17	12	10	11
Massac.....	54	43	63	46	46
McDonough.....	23	32	19	25	27
McHenry.....	34	24	58	51	58
McLean.....	23	38	31	28	27
Menard.....	24	45	39	27	32
Mercer.....	35	38	47	39	35
Monroe.....	52	36	49	34	41
Montgomery.....	50	23	36	25	26
Morgan.....	51	34	23	29	29
Moultrie.....	30	27	31	35	25
Ogle.....	30	40	40	33	38
Peoria.....	30	25	34	27	22
Perry.....	22	19	26	65	21
Platt.....	25	28	27	33	19
Pike.....	34	25	30	28	31
Pope.....	57	37	61	29	50
Pulaski.....	86	52	66	52	61
Putnam.....	27	28	39	32	36
Randolph.....	38	19	43	30	38
Richland.....	32	18	49	36	41
Rock Island.....	33	31	44	38	35
Saline.....	35	29	54	33	40
Sangamon.....	22	24	28	27	21
Schuyler.....	33	33	39	39	37
Scott.....	34	37	36	25	15
Shelby.....	30	27	35	34	30
Stark.....	31	33	44	33	35
St. Clair.....	21	14	26	15	16
Stephenson.....	30	43	53	37	39
Tazewell.....	24	26	34	26	23
Union.....	52	51	66	38	51
Vermilion.....	31	24	27	27	27
Wabash.....	24	14	42	29	30
Warren.....	29	37	44	47	36
Washington.....	31	17	41	28	23
Wayne.....	33	18	58	39	39
White.....	48	22	48	45	38
Whiteside.....	31	29	39	32	31
Will.....	33	29	40	42	35
Williamson.....	34	42	54	54	30
Winnebago.....	29	33	49	39	33
Woodford.....	23	36	32	28	24

\* Dairy and wool products not included.

## CROPS PRODUCED IN 1884.

As returned to the National Department of Agriculture.

STATE OR TERRITORY.	CORN.			WHEAT.			OATS.		
	Acres.	Bushels.	Value.	Acres.	Bushels.	Value.	Acres.	Bushels.	Value.
Maine.....	30,610	1,062,000	\$796,500	41,905	629,400	\$786,750	83,723	2,428,000	\$1,044,040
New Hampshire.....	38,774	1,286,000	977,366	11,615	170,700	203,840	30,388	993,100	446,850
Vermont.....	60,282	1,998,700	1,299,155	21,789	364,500	382,725	103,530	3,625,000	1,450,000
Massachusetts.....	57,097	1,911,300	1,397,736	1,070	19,000	21,280	23,560	717,000	322,650
Rhode Island.....	390,000	304,000	304,000				5,882	161,000	75,670
Connecticut.....	57,000	1,867,700	1,149,005	2,193	36,200	36,200	37,512	1,112,000	467,040
New York.....	733,810	22,674,300	13,604,580	772,333	12,729,000	10,819,650	1,361,530	41,145,000	14,400,750
New Jersey.....	343,500	10,992,032	4,935,697	155,540	2,022,000	1,819,800	1,129,564	2,735,000	1,011,950
Pennsylvania.....	1,403,000	43,465,000	22,602,320	1,533,680	20,820,000	17,905,200	1,253,808	35,627,000	12,259,450
Delaware.....	214,450	3,975,000	1,793,250	91,790	1,007,000	6,855,950	20,500	482,000	168,700
Maryland.....	698,400	15,254,000	7,313,760	644,980	8,200,000	6,855,800	110,000	1,980,000	693,000
Virginia.....	1,938,391	29,480,000	16,508,800	930,200	7,455,000	5,954,000	621,230	6,418,000	2,695,560
North Carolina.....	2,519,927	31,499,000	18,899,400	767,290	4,650,000	4,138,500	617,646	4,022,000	2,126,120
South Carolina.....	1,444,020	13,320,000	9,057,600	231,610	1,410,000	1,480,500	394,250	3,545,000	1,772,500
Georgia.....	2,857,700	30,925,000	21,647,500	487,500	3,130,000	3,286,500	702,614	6,270,000	3,573,900
Florida.....	403,913	3,857,000	3,069,600				52,560	296,400	296,400
Alabama.....	2,322,885	30,197,000	18,420,170	278,450	1,675,000	1,675,000	405,830	5,015,000	2,758,250
Mississippi.....	1,889,600	25,510,000	15,816,200	48,060	237,600	237,600	318,040	3,048,000	1,737,360
Louisiana.....	965,450	11,007,000	7,374,590				38,119	404,000	234,320
Texas.....	3,752,700	60,290,000	37,279,800	556,600	5,560,000	4,857,722	478,510	10,527,000	4,421,340
Arkansas.....	1,756,710	32,465,000	17,531,100	348,450	1,885,000	1,753,050	228,440	3,542,000	1,593,900
Tennessee.....	3,245,042	65,723,000	29,575,350	1,336,230	9,320,000	6,990,000	568,895	7,680,000	3,225,600
West Virginia.....	594,115	11,900,000	6,664,000	316,425	3,318,000	2,651,400	130,225	2,212,000	862,680
Kentucky.....	3,258,410	71,880,000	30,908,400	1,272,000	13,425,000	9,931,500	427,490	7,865,000	2,752,750
Ohio.....	2,846,664	35,011,130	35,011,130	2,691,936	41,186,000	30,889,500	836,400	23,419,000	6,791,510
Michigan.....	920,388	26,022,000	10,408,800	1,804,365	29,772,000	22,031,280	597,864	19,990,000	5,797,100
Indiana.....	3,612,312	104,757,000	35,617,380	2,708,016	33,745,000	22,609,150	724,736	21,742,000	5,870,340
Illinois.....	3,151,463	244,544,000	73,808,640	2,790,900	32,374,000	20,395,600	2,990,983	98,153,000	22,575,190
Wisconsin.....	1,066,985	26,200,000	8,908,000	1,434,510	20,083,000	12,049,800	1,371,354	45,940,000	11,025,000
Minnesota.....	7,065,340	23,630,000	7,737,900	2,753,816	41,307,000	20,653,500	1,025,136	30,100,000	7,120,000
Iowa.....	7,329,650	25,260,000	68,098,000	2,605,771	31,270,000	17,198,500	1,455,959	78,650,000	15,730,000
Missouri.....	5,990,931	51,441,000	27,331,766	2,334,766	27,500,000	17,050,000	2,152,590	30,774,000	7,693,500
Kansas.....	4,565,000	168,500,000	37,070,000	2,120,500	34,990,000	15,745,000	783,413	27,419,000	6,032,180
Nebraska.....	3,295,298	122,109,000	21,978,000	1,950,280	28,325,000	11,806,500	648,193	21,844,000	4,150,360
California.....	3,160,000	4,800,000	2,890,000	3,850,000	44,340,000	31,910,400	79,600	2,149,000	1,641,000
Oregon.....	5,890	164,000	2,101,680	858,924	13,462,000	7,421,760	105,350	5,470,000	1,445,580
Nevada.....	5,880	21,000	14,280	5,515	104,000	7,104,000	7,858	251,000	

Colorado.....	25,300	710,000	461,500	117,420	2,318,000	1,311,880	43,312	1,516,000	606,400
Arizona.....	2,830	60,300	40,401	20,550	275,000	206,250	.....	.....	.....
Dakota.....	465,000	13,950,000	4,185,000	540,200	22,330,000	10,271,800	315,000	11,812,000	2,716,760
Idaho.....	1,820	36,400	27,300	59,400	1,120,000	806,400	33,750	1,012,000	435,160
Montana.....	830	20,700	15,525	76,240	1,372,000	960,400	52,000	1,740,000	609,000
New Mexico.....	47,200	950,000	616,000	68,450	930,000	837,000	12,583	252,000	105,840
Utah.....	13,473	292,000	204,400	93,100	1,675,000	1,373,500	26,120	650,000	227,500
Washington.....	3,210	105,000	78,750	326,366	4,118,000	2,470,800	75,100	2,623,000	918,050
Wyoming.....	.....	.....	.....	2,120	83,900	24,747	2,500	75,600	30,000
Total .....	69,683,780	1,795,528,432	\$640,735,859	39,475,885	512,763,900	\$330,861,251	21,300,917	583,628,000	\$101,528,470



## DISTRIBUTION OF CORN EXPORTED.

The following table gives the extent and distribution to foreign countries of corn exported from the United States for the years ending June 30, 1883 and 1884.

Corn-meal has been reduced to bushels, allowing four bushels of corn to one barrel of meal.

NATIONS.	1883.		1884.	
	Bushels.	Value.	Bushels.	Value.
Belgium.....	427,355	\$302,902	546,872	\$329,878
Brazil.....			46	42
Central American States.....	34,759	34,589	6,080	4,895
Chili.....			20	19
Denmark.....	719,256	482,972	1,747,450	1,414,890
Danish West Indies.....	3,064	2,635	84,613	72,665
France.....	1,617,903	1,077,000	1,351,255	814,602
French West Indies.....	52,858	45,737	50,424	37,917
French Guiana.....	101	81	545	443
Miquelon, Langley and St. Pierre Islands.....	4,530	3,972	6,837	4,956
Germany.....	1,869,271	1,277,526	4,228,667	2,581,938
England.....	16,990,358	11,635,840	20,785,696	12,959,415
Scotland.....	3,531,576	2,462,824	3,316,776	2,057,726
Ireland.....	9,488,737	6,413,669	2,354,427	1,451,532
Nova Scotia, N. Brunswick and Pr. E'wd Island.....	208,867	150,247	610,218	427,032
Quebec, Ontario, Manitoba and the N. W. T.....	2,978,691	1,880,197	6,197,954	3,316,346
British Columbia.....	1,537	1,540	3,657	3,482
Newfoundland and Labrador.....	6,902	5,605	21,868	15,954
British West Indies.....	318,841	187,244	578,051	462,669
British Guiana.....	39,916	32,564	65,333	50,577
British Honduras.....	1,532	1,221	942	664
British Poss. in Africa and adjacent Islands.....	26,059	23,919	312	238
British Possessions in Australasia.....	1,002	998	12,390	11,633
Hawaiian Islands.....	7,630	7,438	10,661	10,208
Haiti.....	3,402	2,824	2,320	1,856
Italy.....	12,509	8,300	30,970	18,600
Liberia.....			76	66
Mexico.....	476,453	391,751	2,002,452	1,411,473
Netherlands.....	600,675	414,407	1,116,443	733,905
Dutch West Indies.....	39,922	30,966	96,198	80,923
Dutch Guiana.....			250	202
Peru.....			4	5
Portugal.....	441,708	304,467	180,669	117,744
Azore, Madeira and Cape Verde Islands.....	86,717	62,114	29,740	20,855
Russia on the Baltic and White Seas.....			845,411	206,213
Russia, Asiatic.....			178	175
San Domingo.....			1,333	1,188
Spain.....	266,103	178,089	105,197	62,766
Cuba.....	257,691	207,843	182,610	122,105
Porto Rico.....	1,100	981	8,786	6,700
Spanish Poss. in Africa and adjacent Islands.....	24,007	17,698	200	133
Sweden and Norway.....	81,319	52,884	24,334	15,728
Turkey in Africa.....	1,200	1,080		
United States of Columbia.....	43,074	36,416	48,691	36,305
Venezuela.....	15,828	13,341	1,540	1,190
All other countries and ports in S. A. n. e. s.....	3,272	3,500		
Total.....	40,586,825	\$27,756,082	46,158,606	\$28,463,783

## DISTRIBUTION OF WHEAT EXPORTED.

The following table gives the extent and distribution to foreign countries of wheat exported from the United States the past two years.

In the following table the flour exported has been reduced to bushels, at the rate of five bushels to the barrel, and is included in the total exports.

NATIONS.	1883.		1884.	
	Wheat and Flour, in bushels	Value.	Wheat and Flour, in bushels	Value.
Argentine Republic.....	11,920	\$14,100	5	\$5
Belgium.....	10,889,909	12,440,334	7,509,809	8,043,010
Brazil.....	3,744,615	4,578,170	3,245,085	3,845,224
Central American States.....	517,616	589,010	563,458	599,977
Chili.....	.....	.....	200	224
China.....	28,870	33,775	41,490	48,491
Denmark.....	409,401	470,784	270,534	283,912
Danish West Indies.....	151,535	171,159	141,365	152,544
France.....	15,412,827	17,531,158	8,445,135	9,247,331
French West Indies.....	497,077	577,260	465,183	505,676
French Guiana.....	10,425	12,722	10,780	11,718
Miquelon, Langley and St. Pierre Islands.....	104,635	116,802	97,805	96,800
French Poss. in Africa and adjacent Islands..	9,376	11,731	3,430	4,350
French Possessions, all other.....	46,574	50,077	55,098	54,886
Germany.....	1,574,224	1,800,367	1,056,406	1,070,657
England.....	50,046,417	58,393,718	36,100,588	39,789,104
Scotland.....	12,429,456	15,912,626	12,694,061	14,363,521
Ireland.....	31,378,075	34,004,782	23,886,256	24,789,002
Gibraltar.....	174,496	189,384	23,035	24,052
Nova Scotia, New Brunswick and Pr. Edw. Isl.	530,218	552,603	566,015	607,860
Quebec, Ontario, Manitoba and the N. W. Ter.	6,371,064	7,262,121	6,847,235	7,611,623
British Columbia.....	241,268	240,596	241,582	231,696
Newfoundland and Labrador.....	983,360	859,515	977,075	777,123
British West Indies.....	1,822,202	2,103,170	2,041,594	2,106,571
British Guiana.....	572,300	564,487	309,795	569,665
British Honduras.....	99,950	108,954	78,225	83,705
British East Indies.....	16,045	14,708	250	317
Hong Kong.....	1,341,796	1,320,472	1,429,180	1,298,060
British Poss. in Africa and adjacent islands...	394,180	429,752	35,165	45,728
British Possessions in Australasia.....	73,560	64,801	1,805	1,896
Hawaiian Islands.....	174,710	189,206	192,300	196,797
Hawaii.....	481,615	547,770	364,410	403,208
Italy.....	79,780	90,112	105,366	113,760
Japan.....	66,485	69,715	50,922	55,102
Liberia.....	10,500	14,765	7,385	9,799
Mexico.....	108,949	178,408	108,394	174,067
Netherlands.....	3,141,356	3,522,752	1,752,074	1,814,138
Dutch West Indies.....	109,900	124,528	121,185	131,911
Dutch Guiana.....	63,635	76,039	59,460	66,292
Dutch East Indies.....	.....	.....	500	528
Peru.....	45	63	1,455	1,545
Portugal.....	3,508,695	4,076,444	3,377,617	3,725,084
Azore, Maderia and Cape Verde Islands.....	305,292	328,858	199,244	212,761
Portuguese Poss. in Africa and adjacent Isl'ds	.....	.....	1,000	1,400
Russia, Asiatic.....	25,245	28,117	40,460	40,873
San Domingo.....	125,100	155,763	153,205	177,414
Spain.....	1,723,409	1,950,992	65,230	63,780
Cuba.....	1,235,898	1,375,610	765,671	899,793
Porto Rico.....	380,637	432,121	380,335	410,618
Spanish Poss. in Africa and adjacent islands..	27,380	30,446	5,890	5,819
Spanish Possessions, all other.....	7,200	8,000	10,260	10,587
Sweden and Norway.....	94,502	106,680	34,054	33,484
Turkey in Europe.....	.....	.....	125	111
United States of Columbia.....	257,150	306,740	322,192	364,145
Uruguay.....	48,020	61,184	17,810	19,908
Venezuela.....	533,025	592,230	518,522	520,134
All other countries and ports in S. A., n.e.s. .	650	656	2,230	2,478
All other countries and ports in Asia, n.e.s. .	.....	.....	40	58
All other countries and ports in Africa, n.e.s. .	10,411	10,579	.....	.....
All other islands and ports, n.e.s.....	2,310	2,860	4,822	5,038
Total.....	152,414,148	\$174,703,800	116,110,302	\$126,166,374

# AGRICULTURAL PRODUCTS EXPORTED.

*Value and Percentage of Agricultural Products Exported from the United States from 1880 to 1884.*

"From Official Reports of the Bureau of Statistics."

Year ending June 30.	Total domestic exports.	Total exports of Agricultural Products.	Percentage of Agricultural Products to Total domestic Exports.....
1850.....	\$136,946,912	\$123,825,808	90.44
1851.....	196,689,718	165,828,736	85.69
1852.....	192,368,984	144,037,465	74.85
1853.....	213,417,697	176,589,418	82.74
1854.....	152,047,806	195,258,953	77.48
1855.....	246,708,553	175,385,328	71.09
1856.....	310,586,330	248,091,084	79.91
1857.....	338,985,065	260,139,925	76.75
1858.....	293,758,279	232,478,953	79.49
1859.....	335,894,333	258,449,990	76.96
1860.....	371,189,274	295,081,484	78.61
1861.....	228,699,486	180,516,442	82.46
1862.....	213,060,519	160,821,597	75.50
1863.....	305,884,998	215,297,568	70.36
1864.....	320,035,199	183,356,276	57.29
1865.....	323,743,187	207,232,779	64.01
1866.....	550,684,277	416,157,242	75.58
1867.....	438,577,312	330,413,246	75.35
1868.....	454,301,713	319,004,531	70.22
1869.....	413,761,115	311,756,665	75.34
1870.....	499,092,143	391,269,605	79.01
1871.....	562,518,651	397,963,220	70.75
1872.....	549,219,718	407,141,706	74.13
1873.....	649,132,563	493,626,697	76.00
1874.....	693,039,054	550,043,638	79.37
1875.....	643,094,767	479,893,212	74.63
1876.....	644,956,406	514,339,866	81.30
1877.....	676,115,592	517,737,998	76.58
1878.....	722,779,499	592,475,813	81.98
1879.....	699,537,742	543,692,174	77.72
1880.....	823,846,353	685,867,737	83.24
1881.....	883,915,947	730,040,860	82.59
1882.....	733,239,732	552,216,511	75.31
1883.....	804,223,622	619,269,449	77.00
1884.....	724,964,852	536,315,318	73.98



## METEOROLOGY.

J. B. Lawes, who stands pre-eminent as authority on all questions relating to agriculture, says in an article (Our Climate and our Wheat Crops), Vol. 16, 173, S. S. Agricultural Society of England, 1880:

"As only about 5 per cent. of the total wheat-crop is derived from the soil itself, the remainder coming directly or indirectly from the atmosphere; and as the amount of matter accumulated from either source depends mainly on the quantity and the relations to one another of heat and moisture, we can not be surprised that the character of the seasons exercises such a preponderating influence over the growth of our crops. As yet, however, the connection between meteorological phenomena and the progress of vegetation is not so clearly comprehended as to enable us to estimate with any accuracy the yield of a crop by studying the statistics of the weather during the period of its growth. Experience does, indeed, teach us that we may expect better crops under certain conditions of the weather than under others. But it is only by a careful comparison of the characters of the seasons on the one hand, and of the quantity and quality of the produce on the other, for many years, that we can hope to acquire sufficient knowledge to enable us to assign to the various agencies, the sum of which constitutes the climate of the year, their respective values in the production of the crop. As we have said before (this 'Journal,' Vol. IX, part 1, p. 96): 'Thus it is obvious that different seasons will differ almost infinitely at each succeeding period of their advance, and that, with each variation, the character of development of the plant will also vary, tending to luxuriance, or to maturation, that is, to quantity, or quality, as the case may be. Hence, only a very detailed consideration of climatic statistics, taken together with careful periodic observations in the field, can afford a really clear perception of the connection between the ever-fluctuating characters of season and the equally fluctuating characters of growth and produce. It is, in fact, the distribution of the various elements making up the season, their mutual adaptations, and their adaptation to the stage of growth of the plant, which throughout influence the tendency to produce quantity or quality.'"

## ANNUAL PRECIPITATION.

An acre of ground contains 6,272,640 square inches. One inch of rain-fall on an acre of land will make 6,272,640 cubic inches of water, or 3,630 cubic feet. At the common temperature of from 70° to 75° Fahrenheit, a cubic foot of fresh water weighs very approximately 62½ pounds avordupois. The weight of one inch rain-fall over an acre of land will be 225,967½ pounds, in round numbers 113 tons of 2,000 pounds each. An annual rain-fall of 42 inches on one acre of land weighs 4,746 tons, equal to 395 car loads of 12 tons each.

## METEOROLOGY.

"It is believed that when they (meteorological reports) become to be properly understood, they cannot fail to be of great practical value, not only to those directly engaged in agricultural pursuits, but to all who are directly or indirectly dependent upon the soil.

"The establishment of the State Weather Service has been favored and urged by many physicians, that they might procure the material for a more rational study of the influence of climatic conditions upon many diseases, which are often confined and restricted to certain localities. All reliable meteorological information is of value in this direction, and it is believed that in the future, when an observer is established in every county in the State, great aid will be rendered to those engaged in the investigation of this important point."—Mendenhall.











*SUMMARY of Meteorological Observations for the month of October, 1884, made to the Department of Agriculture  
November 1, 1884. Hours of observation: 7 A. M., 2 P. M. and 6 P. M.*

STATIONS.	Elevation above sea level .....	BAROMETER.			THERMOMETER.			HUMIDITY	WIND.		RAIN.			Total snowfall, in inches, during the month .....	Inch.			
		Inch.	Inch.	Inch.	Deg.	Deg.	Deg.		Per cent.	Direction.	Miles.	Inch.	No.					
																No. of days on which cloud- iness averaged 8 or more on a scale of ten .....	No. of days on which 0.01 or more rain or melted snow fell .....	Total rainfall or melted snow .....
Feet.	Inch.	Inch.	Deg.	Deg.	Deg.							Inch.						
NORTHERN DIVISION.																		
<i>County. Postoffice.</i>																		
McHenry .....	925				81.20	24.00	51.50			S	W	4	3.85					
DeKalb .....	800				82.00	22.00	51.29			S	W	4	7.76					
Sycamore .....	661	30.526	29.794	30.106	83.40	27.70	56.40			S	W	5	3.59					
Cook .....	676	30.430	29.800	30.070	83.00	34.00	54.93			S		4	5.61					
Kane .....	528				87.00	27.00	54.74						4.88					
Rock Island .....	460	30.047	29.468	29.716	90.00	29.00	59.10			S			7					
Peoria .....	725	30.390	29.750	29.971	85.00	26.00	55.16			S		5	6.21					
Lee .....																		
Average .....		30.348	29.703	29.966	85.23	25.67	54.73					4	5.39					
CENTRAL DIVISION.																		
<i>County. Postoffice.</i>																		
Logan .....	594	30.740	30.140	30.440	90.00	25.00				S	W		3.51					
Menard .....	644	30.489	29.878	30.164	86.00	28.00	57.00			S	W	3	2.30					
Sangamon .....	625	30.600	29.900	30.200	85.00	28.00	56.50			S	W	4	2.74					
Pike .....	723				93.00	30.00	57.00			S	W	8	2.66					
Coles .....					88.00	29.00	58.50			S	E	6	2.80					
Christian .....	760												2.50					
Average .....		30.610	29.973	30.268	88.00	29.15	57.74					3	2.75					



## SOUTHERN DIVISION.

Crawford .....	.....	.....	.....	93.00	25.00	60.38	.....	SS	4	1.40	3	2	.....
Bond .....	.....	.....	.....	91.00	29.00	61.09	.....	SS	.....	5.00	4	.....	.....
Madison .....	.....	.....	.....	87.00	31.50	60.39	.....	.....	.....	1.64	3	6	.....
St. Clair .....	.....	.....	.....	94.00	29.00	.....	.....	.....	.....	1.60	3	.....	.....
Marion .....	.....	.....	.....	94.00	28.00	58.00	.....	SE	.....	1.05	4	4	.....
Centralia .....	.....	.....	.....	91.00	27.00	60.38	.....	SW	.....	1.92	3	3	.....
Hamilton .....	.....	.....	.....	89.00	32.00	64.61	.....	NE	.....	1.42	3	1	.....
Union .....	.....	.....	.....	88.00	38.00	63.30	.....	S	.....	1.89	5	.....	.....
Alexander .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Average .....	.....	.....	.....	90.87	30.06	61.16	75.40	.....	4	1.99	.....	.....	.....
State average .....	.....	.....	.....	88.03	28.29	56.88	73.02	.....	4	3.38	.....	.....	.....







*Summary of Meteorological Observations for the Month of December, 1884, made to the Department of Agriculture January 1, 1885. Hours of Observation 7 A. M., 2 P. M., and 9 P. M.*

STATIONS.	BAROMETER.			THERMOMETER.			HUMIDITY	*WIND.		RAIN.		Total snowfall, in inches, during the month .....	
	Inch.	Inch.	Inch.	Deg.	Deg.	Deg.		Per cent.	Direction.	Mill's	No.	No.	Inch.
Elevation above sea level .....	Highest barometer during month .....			Highest temperature. ....			Mean .....	Prevailing .....	Maximum velocity or force .....	No. of days on which 0.01 or more rain or melted snow fell .....		Depth of snow, in inches, on ground at close of month.....	
	Inch.	Inch.	Inch.	Deg.	Deg.	Deg.				No.	No.	Inch.	Inch.
NORTHERN DIVISION.													
County. Postoffice.													
McHenry.....	925.....	.....	.....	50.70	-21.30	19.40	.....	NW & SW	5	19	3.28	.....	11.25
DeKalb.....	800.....	.....	.....	51.00	-16.00	20.46	.....	SE & NW	3	15	4.14	.....	10.30
Cook.....	661.30	655.29	336.30	61.20	-11.20	28.40	79.60	S	4	18	4.21	.....	.....
Kane.....	676.30	540.29	290.30	55.00	-21.00	23.54	.....	W	5	14	4.57	.....	9.10
Lee.....	725.30	350.29	200.29	50.00	-20.00	20.80	78.16	W	5	16	5.56	.....	10.50
Will.....	600.30	828.29	606.30	55.00	-24.00	25.70	.....	W	3	12	4.84	.....	8.00
Peoria.....	475.30	263.28	911.29	57.00	-10.00	27.30	78.00	S	4	14	3.21	.....	5.00
Average .....	30.527	29.269	29.997	54.27	-17.64	23.26	78.59	.....	4	.....	4.26	.....	9.02
CENTRAL DIVISION.													
Sangamon .....	644.30	697.29	414.30	60.00	-8.80	29.10	76.40	S	5	15	5.19	.....	.....
Pike.....	625.30	760.29	490.30	57.00	-13.00	21.00	.....	NW & SE	4	11	3.43	.....	9.40
Coles.....	724.....	.....	.....	64.00	-13.00	28.50	.....	SE	.....	14	5.45	.....	9.71
Christian.....	760.....	.....	.....	66.00	-11.00	.....	.....	SE & NW	10	11	4.88	.....	15.50
Average .....	30.728	29.452	30.207	61.75	-11.45	26.20	.....	.....	6	.....	4.74	.....	11.54



*Distribution and amount of precipitation for August, 1884, reported to the Illinois Department of Agriculture, by Volunteer and Signal Service Observers.*

RAINFALL OR MELTED SNOW, IN INCHES AND HUNDREDTHS, ON DAYS IT OCCURRED.

STATIONS.																																Total		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
NORTHERN DIVISION.																																		
County. Postoffice.																																		
McHenry	82	06	47	02	61	11										43	23		15	02				32			1	42		12	3	36		
Ogle				04	65																		34			33	03					2	81	
DeKalb				60												25			50				10	10			01	22		05	3	43		
Cook	23	02			14												01		35	01			08	11			1	27		29	2	55		
Lee	93				85	50										35	87							25			65					4	06	
Rock Island	90			25												35	50										1	70	45			4	27	
Warren	1	10		06	06											36			10				01						1	15	07		2	91
Peoria			1	20	01		01												21				10			2	60					4	13	
Kane			37		15												03		05				15				1	73				2	48	
Average	94	48	12	25	38	30									35	32	45	07	23	01			13	19	2	60	94	88	07	15	3	33		
CENTRAL DIVISION.																																		
Logan																			10						05			51	65			2	50	
Menard	35																								03			1	30	25			1	95
Sangamon																			23	02					08			17	100	01			3	89
Pike	10				12											19			61						52			41	72	22			2	20
Coles	89			01												58			22				02				48						1	25
Christian																		50										75					2	56
Pana																			38	05					38			63	86	29				
Macoupin																																		
Bunker Hill																																		
Average	35	49	1	00	01	12	10									10		58	34	03			02	22			44	1	05	19			2	27
SOUTHERN DIVISION.																																		
Cravford																				03	02												1	75
Palestine			1	20																														
Greenville																																		
Bond																			96	52	04				38			24	1	12	62		4	16
Madison																									30								3	20
Collinsville																																		
Marion																																		
Centralla																																		
Mascoutah																																		
St. Clair																																		
Perry																																		
Swanwick																																		
McLeansboro			41				65																											
Hamilton							44																											
Auna																																		



RAINFALL OR MELTED SNOW, IN INCHES AND HUNDREDTHS, ON DAYS IT OCCURRED.

STATIONS.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Total	
NORTHERN DIVISION.																																	
County. Postoffice.																																	
McHenry	Marengo				.05			.08		.64					1.44						.78			.70	.80	.28	.75		.37			4.34	
Ogle	Polo										.45				2.42								.32	.19	.80				.32	.19	.15		45.5.03
DeKalb	Sycamore				.25			.05							.90								.32	.85	.02				.85	.22	.05		3.46
Cook	Chicago							.14					.07	.02			.18							.31	.47				1.09	.01			2.29
Kane	Aurora							.08		.61					.38								.01	.58	.30				.36	.05			05.2.40
Lee	Prairieville				.45			.12							1.62								.20	.75	.03				.115	.38			50.5.80
Rock Island	Rock Island		.40				1.95	.42		.24					1.50			.38					.15	.40	.40	.75			.50	1.00			30.7.59
Peoria	Peoria																					1.45	1.70	.20				.46	.10			05.5.76	
Average		.40			.23		1.95	.14		.40		.02			1.58		.31				.64	.65	.61	.27	.75		.80	.58	.16	.40		27.4.59	
CENTRAL DIVISION.																																	
Logan	Atlanta							.05									.37						.50										42
Menard	Petersburg							.40		.15																							4.25
Sangamon	Springfield							.88		.44		.07					.23				.05	.72	.80	.26					2.20	1.04	.14		02.6.85
Pike	Griggsville							.53		1.58					.94					.03									1.91	.33	.33		07.8.11
Coles	Mattoon							.08									.07	.09					.98	.27	.11				.33	.07	1.04	.01	50.7.70
Christian	Pana							.25		.13					.25			.13				1.33	2.75						1.12		1.25		25.7.33
Macoupin	Bunker Hill									.10							.15	.40						.08	.15				3.05	1.44	.74		48.7.19
Average								.36		.57		.07			.60		.19	.24		.03		.69	1.24	.89	.17			2.06	.74	.70		34.5.55	
SOUTHERN DIVISION.																																	
Crawford	Palestine																	.36															65.5.29
Bond	Greenville																.56	1.50					.03	.25					.50	.05			1.00.6.14
Madison	Collinsville														.41														.94	.56			57.3.66
Marion	Centralia																.15												1.17	.90			1.50.4.67
St. Clair	Macoutah																.10												.60				1.40.3.80
Perry	Swanwick							.20										.02											.22	.14			51.1.16.04.2.85
Hamilton	McLeansboro																												.09				05.1.73.62.3.80
Union	Anna																												.20				78.1.48.3.33
Alexander	Cairo.																.06	.02											1.18	.34			36.2.90.5.02
Average								.20									.41	.20	.47			.15	.27	.29	.67	.82	.59	.38	.79	1.31		84.4.28	
State average		.40			.23		1.95	.23		.48		.04			.86		.23	.35		.03		.49	.72	.60	.37	.58	1.15	.57	.55				48.4.80



RAINFALL OR MELTED SNOW, IN INCHES AND HUNDRETHS, ON DAYS IT OCCURRED.																															
STATIONS.																															
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Total	
NORTHERN DIVISION.																															
County. Postoffice.																															
McHenry	Marengo			.44											.03						1.28	1.22		.06		.04				1.79	
DeKalb	Sycamore			.05											.05								.05							2.48	
Cook	Chicago			.18	.69	.02									.14						.09	.61		.02	.01	.04				1.80	
Kane	Aurora			.46	.31										.06						.71	.37								1.91	
Lee	Prairieville			.80																	1.56				.18					2.54	
Rock Island	Rock Island			.44																	1.60									2.04	
Peoria	Peoria			.40																	1.75									.04 2.19	
Average				.55	.37	.02									.07						1.16	.73		.05	.04	.09	.04				.04 2.11
CENTRAL DIVISION.																															
Sangamon	Springfield			.40	.02												.03	.15			.19	.34								1.29	
Pike	Griggsville			.46													.32				1.55									2.48	
Col's.	Mattoon	.19		.52													.01	.22			.52			.01						.80	
Christian	Pana	.25		.25													1.00					.25								.25	2.00
Average		.22		.41	.02												.44	.12	.15			.75	.29		.01					.23	1.90
SOUTHERN DIVISION.																															
Crawford	Palestine			.30	.60														.30			1.12	.80							.03	12.2 2.27
Bond	Greenville																	.88													2.38
Madison	Collinsville	1.00		1.00													.50	.16			.41	.03					.06				2.16
St. Clair	Mascoutah			.20	.90													.60				.70									2.40
Marion	Centrاليا	.23		.80																											1.03
Hamilton	McLeansboro			.13		.31												.50	.05		.70					.16					.03 1.88
Union	Anna			.56														.56			1.19					.21					.06 2.58
Pope	Golconda			.55														.38			.89					.23					.02 2.07
Alexander	Caro				.45													.33	.42		.05	.03				.13					2.41
Average		.58	.16	.67	.58												.41	.49	.05		.56	.39				.16	.15	.06			.06 2.13
State average		.40	.16	.54	.32	.02										.07	.42	.30	.10		.82	.47		.05	.02	.09	.10	.15	.14		.05 2.04



*Distribution and amount of precipitation for December, 1884, reported to the Illinois Department of Agriculture, by Volunteer and Signal Service Observers.*

RAINFALL OR MELTED SNOW, IN INCHES AND HUNDREDTHS, ON DAYS IT OCCURRED.

STATIONS.																																Total	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
NORTHERN DIVISION.																																	
County. Postoffice.																																	
McHenry.....	.01					.98					.12	.05	.02	.15	.02				.12	.05			.27			.59		.51	.59	.02	3.28		
DeKalb.....	.03				.63	.72	.05				.20	.05	.02	.03	.10				.30		.03	.30	.06	.13	.11	.62	.57	.53	.82		4.14		
Cook.....					.24	.68	.05				.07	.07	.16	.08	.06				.19	.01			.06	.13	.11	.62	.57	.53	.56	.09	4.21		
Kane.....					.52	1.04	.07				.22		.16	.18					.18				.06	.14	.03	.67	.39	.31	.55	.09	4.57		
Lapeer.....	.02				.31	.75					.25		.25	.20	.10				.25	.25		.38				.75	.68	.50	.87		5.56		
Will.....					.15	.79					.37			.11	.15				.06			.14				.28	.39	.93	.34	.32	4.84		
Peoria.....					.95	.13			.05		.18	.05		.05								.14				.43	.64			.39		3.21	
Average.....	.02				.47	.68	.29		.05		.20	.06	.11	.05	.14	.06		.06	.21	.10		.22	.39	.09		.44	.54	.53	.59		13.426		
CENTRAL DIVISION.																																	
Sangamon.....					.06	.84			.31	.19	.08			.05				.11	.01	.01	.04						1.32	1.47	.07	.49		5.19	
Pike.....					.26	.11			.46	.13				.12	.01												.16	1.28	.41	.14	.35		3.43
Coles.....					.75	.63			.30	.38				.48	.01			.02	.03								.20	1.30	.58	.17	.60		5.45
Christian.....						1.08				.25																		2.00	.25		.50		4.88
Average.....					.36	.66			.36	.24	.08		.22		.01			.06	.02	.01	.04						1.47	.68	.13	.48		4.74	
SOUTHERN DIVISION.																																	
Crawford.....					.33	.67					.20		.40		.05					.10							.12	3.00	2.40	.32		5.84	
Bond.....					1.00					.12																			1.00	1.00	7.62		5.68
Madison.....					.02	.02			.29	1.04			.40	.06	.05				.04	.01	.02						.09	1.70	1.32	.62		8.06	
St. Clair.....																											1.10	3.00	.90			5.50	
Mascoutah.....																												1.60	.40	.30		8.24	
Marion.....					1.90					1.30																						5.50	
Hamilton.....					.76	.03					1.63		.36		.03													3.22	.95	.72	.54		8.24
Union.....																											.07	4.01	1.27	1.02		34.957	
Pope.....					.18	.84						.29		.28		.05	.32		.21									1.79	.88	.87	.94		8.15
Golconda.....																																	
Alexander.....					.17	.44					.03		.37		.08	.13		.04		.05	.15						.01	1.57	1.35	1.10	.92		33.849
Cairo.....																																	
Average.....					.29	.66			.29	1.45	.62	.29	.36	.06	.06	.07	.18		.10	.09	.02							2.27	1.53	.80	.76		54.739
State average.....	.02				.37	.66	.29		.23	.84	.30	.17	.23	.05	.07	.06	.18	.06	.11	.07	.03	.22	.39	.18			1.39	.92	.49	.61		33.546	

*SUMMARY of Meteorological Observations for the year 1884, made to the Department of Agriculture. Hours of Observation: 7 A. M., 2 P. M. and 9 P. M.*

		BAROMETER.			THERMOMETER.			HUMIDITY		WIND.		RAIN.		Total snowfall, in inches, during the month .....	
		Inch.	Inch.	Inch.	Deg.	Deg.	Deg.	Per cent.	Direction.	Mill's	Inch.	No.	No.	Inch.	Inch.
		Mean .....			Mean .....			Mean .....		Prevaling .....		No days on which cloudiness averaged 8 or more on a scale of 10		Depth of snow, in inches, on ground at close of the month .....	
		Lowest .....			Lowest .....			Lowest .....				No days on which 0.01 or more rain or melted snow fell .....			
		Highest barometer during month .....			Highest temperature .....			Highest temperature .....				Total rainfall or melted snow .....			
		Feet.	Inch.	Inch.	Deg.	Deg.	Deg.	Per cent.	Direction.	Mill's	Inch.	No.	No.	Inch.	Inch.
Elevation above sea level ..															
STATIONS.															
NORTHERN DIVISION.															
January, 10 stations .....		32.373	29.377	29.913	43.13	28.95	12.92	—	—	—	—	—	—	—	—
February 9 .....		30.202	29.254	29.774	43.06	4.70	23.90	74.00	—	—	—	7	9	1.00	7.01
March 9 .....		30.174	29.080	29.785	65.17	3.79	32.72	78.00	—	—	—	11	18	2.36	6.80
April 6 .....		30.076	29.085	29.695	79.91	27.55	46.87	73.80	—	—	—	11	14	3.41	4.22
May 10 .....		30.135	29.323	29.722	80.65	39.20	59.55	68.83	—	—	—	10	7	2.77	—
June 10 .....		30.041	29.512	29.812	90.83	48.64	68.80	69.26	—	—	—	10	7	3.38	—
July 8 .....		29.969	29.511	29.721	89.80	50.10	71.08	75.05	—	—	—	10	7	3.83	—
August 9 .....		30.135	29.459	29.826	90.95	47.79	70.12	75.25	—	—	—	8	5	5.97	—
September 8 .....		30.233	29.467	29.877	91.07	47.00	68.91	72.77	—	—	—	8	5	3.33	—
October 8 .....		30.318	29.703	29.966	85.23	25.67	54.73	73.72	—	—	—	9	4	4.59	—
November 7 .....		30.299	29.264	29.949	65.85	3.51	36.54	76.05	—	—	—	5	6	2.11	—
December 7 .....		30.527	29.269	29.997	54.27	17.61	23.66	78.59	—	—	—	15	19	4.26	—
Average, 1884 .....		30.376	29.360	29.835	73.33	19.53	47.49	74.22	—	—	—	10	9	3.53	—
1883 .....		30.216	29.191	29.820	72.36	20.36	45.24	73.10	—	—	—	9	9	3.44	—
1882 .....		30.173	29.325	29.739	75.45	24.23	49.47	74.90	—	—	—	10	9	3.42	—
1881 .....		30.080	29.260	29.800	72.00	23.50	49.10	71.90	—	—	—	10	9	3.78	—
1880 .....		30.240	29.230	29.740	74.00	23.00	48.00	76.80	—	—	—	8	7	3.34	—
1879 .....		29.750	28.940	29.560	75.00	18.00	45.00	64.40	—	—	—	8	7	2.67	—
1878 .....		29.570	28.920	29.330	73.00	28.00	49.00	83.50	—	—	—	8	11	2.61	—

*SUMMARY of Meteorological Observations for the year 1884, made to the Department of Agriculture. Hours of Observation: 7 A. M., 2 P. M. and 9 P. M.*

STATIONS.	CENTRAL DIVISION.																				
	6 stations.....																				
	Feet.	Inch	Inch	Inch	Deg.	Deg.	Deg.	Per cent.	Direction.	Miles	Inch	No.	No.	Inch							
Elevation above sea level.....																					
BAROMETER.	HIGHEST BAROMETER DURING MONTH.....			LOWEST.....			MEAN.....			HUMIDITY				WIND.		RAIN.		DEPTH OF SNOW, IN INCHES, ON GROUND AT CLOSE OF MONTH.....		TOTAL SNOWFALL, IN INCHES, DURING THE MONTH.....	
January.	30.792	29.716	30.214	53.75	26.22	18.86	—	73.00	—	3.	0.82	8	12	—	—	—	—	—	—	9.35	
February.	39.605	29.651	30.185	53.52	.93	29.75	—	75.10	—	4.	3.92	9	16	—	—	—	—	—	—	9.08	
March.	30.570	29.375	29.886	66.75	1.00	36.98	—	62.90	—	4.	2.04	10	17	—	—	—	—	—	—	7.37	
April.	30.346	29.527	30.014	81.33	30.53	51.04	—	65.00	—	5.	2.53	8	8	—	—	—	—	—	—	—	
May.	30.403	29.686	30.058	82.22	40.00	60.91	—	74.90	—	4.5	4.39	9	8	—	—	—	—	—	—	—	
June.	30.257	29.738	30.060	91.91	51.55	71.11	—	69.10	—	4.	5.60	12	13	—	—	—	—	—	—	—	
July.	30.211	29.783	30.002	92.06	59.20	73.48	—	66.10	—	4.	3.62	12	10	—	—	—	—	—	—	—	
August.	30.407	29.797	30.106	90.03	48.56	71.03	—	68.80	—	5.	2.27	6	6	—	—	—	—	—	—	—	
September.	30.301	29.750	30.119	91.08	49.84	71.93	—	68.30	—	3.	5.55	9	5	—	—	—	—	—	—	—	
October.	30.470	29.978	30.208	88.00	29.15	57.74	—	68.90	—	3.	2.75	6	10	2.02	—	—	—	—	—	—	
November.	30.585	29.613	30.179	68.22	13.15	41.64	—	68.90	—	6.	1.90	6	15	—	—	—	—	—	—	—	
December.	30.728	29.452	30.207	61.75	11.45	26.20	—	76.40	—	—	4.74	13	15	—	—	—	—	—	—	—	
Average, 1884.....	30.495	29.673	30.108	76.97	23.85	50.84	—	69.90	—	4.29	3.38	9	11	2.02	—	—	—	—	—	9.99	
1883.....	30.477	29.602	29.635	77.54	21.78	50.30	—	62.50	—	5.	3.62	9	10	—	—	—	—	—	—	—	
1882.....	30.241	29.431	29.879	77.60	29.10	52.92	—	70.10	—	4.	4.42	10	10	—	—	—	—	—	—	—	
1881.....	30.070	29.270	29.720	75.80	25.60	51.50	—	71.10	—	4.	3.79	10	9	—	—	—	—	—	—	—	
1880.....	30.240	29.220	29.800	78.00	27.00	52.00	—	66.50	—	5.	2.81	8	10	—	—	—	—	—	—	—	
1879.....	30.120	29.350	29.700	78.00	23.00	51.00	—	65.90	—	4.	2.16	8	10	—	—	—	—	—	—	—	
1878.....	29.890	29.050	29.500	77.00	30.00	52.00	—	71.20	—	5.	3.05	9	11	—	—	—	—	—	—	—	

STATIONS.





## Summary of Meteorological Observations—Continued.

STATIONS.	Elevation above sea level .....	BAROMETER.			THERMOMETER.			HUMIDITY	WIND.		RAIN.		Total snowfall, in inches, during the month .....	
		Highest barometer during month .....	Lowest.....	Mean .....	Deg.	Deg.	Deg.		Per cent.	Direction.	Mill's	Inch.	No.	Inch.
State average, 1884.....	.....	30.426	29.561	30.040	77.06	23.78	51.00	72.91	.....	4.28	3.62	10	.....	5.96
" 1883.....	.....	30.385	29.496	29.861	75.24	25.29	49.90	69.10	.....	5.00	3.91	9	.....	.....
" 1882.....	.....	30.281	29.497	29.903	77.68	28.98	52.08	73.20	.....	4.00	3.91	10	.....	.....
" 1881.....	.....	30.170	29.420	29.830	76.10	27.00	52.50	71.70	.....	4.00	3.60	9	.....	.....
" 1880.....	.....	30.290	29.380	29.890	78.00	26.00	52.00	71.60	.....	5.00	3.23	8	.....	.....
" 1879.....	.....	30.160	29.340	29.820	78.30	23.30	50.60	66.50	.....	4.00	2.76	9	.....	.....
" 1878.....	.....	29.820	29.090	29.520	76.00	31.00	52.00	73.80	.....	5.00	3.03	8	.....	.....

*Precipitation at Stations in Illinois, 1878.*

Stations.		January....	February....	March.....	April.....	May.....	June.....	July.....	August....	September.	October....	November..	December..	Total.....
<b>NORTHERN DIVISION.</b>														
<i>Postoffice.</i>	<i>County.</i>													
Geneseo.....	Henry.....	.30	.20	3.50	4.20	5.10	3.10	2.80	5.90	1.50	3.10	.90	3.20	33.90
Sandwich.....	DeKalb.....	.75	1.10	1.10		1.80		2.70						
Marengo.....	McHenry.....	.85	1.33	2.72	2.89	4.25	2.46	4.73	3.52	1.46	4.71	1.06	2.46	32.44
Como.....	Whiteside.....	.09			2.40	6.33	2.81							
Hennepin.....	Putnam.....	.02	*2.60	*2.53	5.40	6.10	3.10	1.10	5.60	.90	2.90	.10	1.80	32.15
Henry.....	Marshall.....		1.80											
Elgin.....	Kane.....					3.19	3.09	3.22	4.03	1.59	3.31	1.46	.40	
Aledo.....	Mercer.....						5.60	1.45	5.87	1.70			2.00	
Lyndon.....	Whiteside.....							4.15	5.75					
Fulton.....	Whiteside.....									1.80	5.43	.92		
Durand.....	Winnebago.....										3.26	1.15	.35	
Average.....		.40	1.41	2.46	3.72	4.46	3.36	2.88	5.11	1.49	3.78	.93	1.72	32.83
<b>CENTRAL DIVISION.</b>														
Elmira.....	Stark.....	.13	1.03	*3.10	*3.26	4.43	3.18	1.16	6.34	*2.70	3.20	.60	.03	30.16
Peoria.....	Peoria.....	.50	2.25	2.10	3.75	4.45	3.49	2.58	4.42	.97	3.96	.91	2.08	31.46
Augusta.....	Hancock.....	1.14	3.31	5.10	3.28	4.91	2.99	*3.97	*3.25	1.13	2.85	1.17	*2.50	35.60
Mt. Sterling.....	Brown.....	1.50	3.80	4.80	3.86	6.80	3.00	4.70	7.50	2.50	2.80	1.50	3.10	45.86
Havana.....	Mason.....	1.28	3.50	2.90										
Galesburg.....	Knox.....					7.87	6.80							
Springfield.....	Sangamon.....						2.67							
Carlinville.....	Macoupin.....						1.90	.95						
Hillsboro.....	Montgomery.....					9.60	1.00	.90	3.80	3.20	5.00	.50		
Average.....		.91	2.78	3.60	3.54	6.34	3.13	2.54	5.06	2.12	3.56	.94	1.93	35.77
<b>SOUTHERN DIVISION.</b>														
Louisville.....	Clay.....	3.00	3.70	1.80	4.80	5.80	3.20	6.50	3.00	*2.84	3.40	2.30	6.30	46.64
Anna.....	Union.....	3.16	1.80	2.20		5.73								
Cairo.....	Alexander.....				5.60	4.41	4.61	2.81	3.45	2.99	2.59	3.80	3.53	
Mt. Vernon.....	Jefferson.....				4.50	.75		4.00	4.70	5.00	8.00	8.00		
St. Marie.....	Jasper.....							1.10	1.11		3.57	1.42	3.12	
Upper Alton.....	Madison.....							1.29	1.03	3.07	1.73	1.75	5.43	
Centralia.....	Marion.....							3.17	2.70	2.40	3.55	.93	1.50	
Golconda.....	Pope.....							5.66	1.12	2.96	3.74	4.80	4.73	
Olney.....	Richland.....									1.66	7.12	2.15	2.74	
Average.....		3.08	2.75	2.00	5.20	5.11	2.85	3.50	2.44	2.99	4.21	3.15	3.91	46.64
State average.....		1.46	2.31	2.69	4.15	5.30	3.11	2.97	4.20	3.30	3.85	1.68	2.52	38.41

\* Estimated.



## Precipitation at Stations in Illinois, 1879.

STATIONS.	January....	February..	March.....	April.....	May.....	June.....	July.....	August.....	September.	October....	November..	December..	Total.....
NORTHERN DIVISION.													
County. Postoffice.													
McHenry...Marengo.....	.85	1.54	1.15	2.30	4.97	4.81	5.39	1.96	1.20	1.38	5.30	1.47	32.32
Boone.....Belvi ere.....	1.04	1.36	1.56	2.12	3.78	4.14	7.01	2.70	.76	2.88	5.89	2.12	35.36
Winnebago...Durand.....	.15	*2.60	.95	2.20	4.17	3.82	6.88	2.71	*2.96	1.65	4.18	1.05	33.32
Cook.....Chicago.....	.54	1.17	2.37	1.93	3.89	3.18	5.58	3.45	1.18	2.72	4.93	2.47	30.41
Kane.....Elgin.....	*1.49	.52	1.45	2.14	5.84	3.20	6.63	2.24	1.02	1.80	4.23	1.59	32.15
Whiteside...Lyndon.....									1.13	1.46		.94	
Rock Island...Davenport(Ia.)	.79	1.09	1.80	1.54	5.83	4.57	5.87	4.33	1.43	.92	4.70	1.02	33.89
Henry.....Geneseo.....	1.00	2.00	4.00	1.90	2.10	3.70	3.70	3.20	1.80	1.80	2.60	2.20	30.00
Putnam.....Hennepin.....	.50												
Mercer.....Aledo.....					2.50	4.90	3.50						
Stark.....Elmira.....	.28	.24	1.31	2.16	.87	3.66	3.49	3.17	*2.70	*3.96	2.71	1.11	25.66
Peoria.....Peoria.....	1.05	.97	1.80	2.95	.93	3.23	3.42	1.88	3.72	2.17	4.93	1.92	28.97
Average .....	.77	1.28	1.82	2.14	3.60	3.68	5.29	2.61	1.79	2.07	4.33	1.59	31.34
CENTRAL DIVISION.													
Hancock...Augusta.....	*1.39	.79	1.19	1.26	1.63	*5.82	3.15	5.20	2.06	.19	3.97	1.51	28.88
Hancock...Keokuk. (Ia.)..	.50	.53	1.71	1.56	2.27	2.63	1.98	4.57	1.12	.28	3.91	1.45	22.51
Brown.....Mt. Sterling..	1.05	1.15	1.80	1.60	.50	1.80	2.30	2.50	2.00	.70	4.50	1.80	21.70
Sangamon...Springfield..							1.52	3.82	.84	1.25	5.12	2.83	
Macon.....Decatur.....									2.02	3.55	4.06	4.28	
Average .....	.98	.82	1.81	1.47	1.47	3.42	2.24	4.02	1.61	1.19	4.31	2.38	24.36
SOUTHERN DIVISION.													
Jasper.....St. Marie.....	1.36	1.28	4.80	2.27	1.57	3.50	1.87	3.30	1.35	1.51	4.17	3.09	30.07
Madison...Upper Alton..	1.97	1.24	2.63	2.57	1.09	*4.78	*3.69	*3.06	1.93	1.80	4.35	3.82	32.92
Clay.....Louisville.....	6.00	*4.97	*3.22	2.60	2.10	1.20	*3.69	5.50	1.00	2.92	5.00	3.20	41.60
Marion.....Centralia.....			3.30	2.15	3.85	4.17	4.10	5.40				3.00	
St. Clair...St. Louis.(Mo)	1.64	1.48	1.92	2.31	.95	4.04	1.97	2.23	1.34	.68	4.30	2.84	25.70
Jefferson...Mt. Vernon...	5.40	6.40		1.00	3.00								
White.....Grayville.....					4.00	6.00	8.00				4.00	6.00	
Pope.....Golconda.....	2.48	2.39	3.15	3.89	1.83	5.95	3.99	11.31	1.65	5.11	4.48	8.61	54.84
Alexander...Cairo.....	2.81	2.03	2.95	2.93	2.79	8.70	1.37	7.05	.93	3.87	3.25	6.63	45.31
Average .....	3.09	2.83	3.14	2.46	2.15	4.54	3.33	5.73	1.37	2.65	4.22	4.65	38.41
State average.....	1.61	1.64	2.26	2.02	2.41	3.88	3.62	4.12	1.59	1.97	4.30	2.87	31.37

\* Estimated.

## Precipitation at Stations in Illinois, 1880.

STATIONS.		January ..	February ..	March .....	April .....	May .....	June .....	July .....	August .....	September.	October .....	November.	December.	Total .....
NORTHERN DIVISION.														
<i>County.</i>	<i>Postoffice.</i>													
Winnebago ..	Durand .....	1.50	2.40	2.60	5.55	3.51	5.49	4.32	8.11	8.44	.76	1.31	.90	44.89
Winnebago ..	Rockford .....							1.74	2.98	2.51	1.20	1.73	.60	.....
Boone .....	Belvidere .....	3.63	1.24	2.80	*3.16	4.66	6.51	6.21	4.44	6.92	2.19	1.83	1.76	45.35
McHenry .....	Marengo .....	4.14	1.62	1.40	3.10	2.68	5.28	2.68	4.25	4.02	2.37	1.01	.75	33.30
Kane .....	Elgin .....	3.55	3.43	2.36	4.19	6.43	5.40	4.39	3.51	4.25	2.09	1.24	.55	41.39
Whiteside ..	Lyndon .....	3.85	1.92	2.37	3.42									.....
Whiteside ..	Morrison .....						5.74	3.35	4.15	4.94	1.62	1.30	.25	.....
Cook .....	Chicago .....	3.53	2.91	2.23	5.20	4.97	3.50	3.07	4.47	2.25	3.09	.87	1.01	37.10
Henry .....	Geneseo .....	3.30	.80	3.10	3.10	7.00	6.00	1.50	6.20	4.70	.80	1.50	.50	38.50
Rock Island ..	Davenport, (Ia.) ..	3.13	1.72	2.68	4.50	5.09	7.21	4.31	5.90	4.87	.94	1.23	1.15	42.73
Stark .....	Elmira .....	3.18	2.30	3.18	*3.16	5.23	3.26	2.31	2.52	1.74	1.73	1.83	.43	30.97
Peoria .....	Peoria .....	3.33	3.95	3.30	5.94	6.73	2.32	3.17	3.38	3.09	1.75	1.92	.96	39.89
Average .....		3.32	2.23	2.60	4.13	5.14	5.07	3.37	4.44	4.43	1.68	1.43	.80	39.33
CENTRAL DIVISION.														
Hancock .....	Keokuk, (Ia.) .....	3.91	1.94	1.83	4.79	5.92	3.06	2.25	3.81	3.21	2.02	1.13	.67	34.54
Hancock .....	Augusta .....	2.51	2.08	2.16	5.74	5.38	2.68	1.35	2.44	2.66	1.38	*2.82	*2.50	33.70
Fulton .....	Canton .....								11.02	2.46	1.76	2.16	.78	.....
Champaign ..	Champaign .....											1.80	1.53	.....
Brown .....	Mt. Sterling .....	2.50	2.90	1.50	2.20	6.80	2.50	.80	2.40	1.90	1.70	*2.82	*2.50	30.52
Sangamon .....	Springfield .....	2.70	2.89	2.37	3.23	5.76	2.47	1.82	1.80	3.15	2.04	1.60	1.10	30.93
Macon .....	Decatur .....	2.65									.74	2.19		.....
Average .....		2.85	2.45	1.96	3.99	5.96	2.68	1.55	4.29	2.68	1.61	2.07	1.51	32.42
SOUTHERN DIVISION.														
Jasper .....	St. Marie .....	4.70	2.06	2.79	2.53	4.07	2.91	2.55	*3.06	3.01	2.85	4.75	*3.75	39.03
Madison .....	Upper Alton .....	1.93	2.83	2.65	3.08	3.15	2.48	4.40	1.42	1.47	2.00	3.06	2.94	31.41
Clay .....	Louisville .....	*2.99	2.20	2.70	2.50	4.50	4.00	2.50	4.50	7.70	3.20	3.15	2.50	42.44
Marion .....	Centralia .....	3.60	2.80	4.40	3.50	5.75	2.80	7.80	.65	1.10	2.70	3.80	1.80	40.70
St. Clair .....	St. Louis, (Mo.) ..	3.83	2.65	2.51	3.31	3.44	2.46	5.17	1.53	3.10	2.09	2.67	1.80	33.56
White .....	Grayville .....	4.00	4.50	6.50	4.00	6.30	6.00	4.00	*3.06	*2.84	4.00	*4.13	2.00	51.33
Union .....	Anna .....							3.78	2.29	3.48	4.54	4.28	3.24	.....
Saline .....	Riley .....							2.68	4.24	4.02	2.37	1.01		.....
Pope .....	Goleconda .....	5.67	5.51	4.27	3.74	7.50	3.57	6.07	2.56	4.53	6.71	4.87	1.67	56.17
Alexander .....	Cairo .....	4.56	5.01	4.52	3.25	4.64	2.92	4.34	2.61	4.55	6.96	3.98	2.22	49.56
Average .....		3.91	3.44	3.79	3.24	4.92	3.39	4.33	2.58	3.58	3.74	3.52	2.43	43.14
State average .....		3.36	2.71	2.78	3.79	5.34	3.71	3.08	3.80	3.56	2.34	2.34	1.58	38.30

\* Estimated.

## Precipitation at Stations in Illinois, 1881.

STATIONS.		January	February	March	April	May	June	July	August	September	October	November	December	Total
NORTHERN DIVISION.														
<i>County.</i>	<i>Postoffice.</i>													
Winnebago	Durand		3.90	2.60										
Winnebago	Rockford	1.71	6.50	3.49	1.38	2.39	6.44	7.72	.33	3.72	5.37	2.17	2.99	44.21
Boone	Belvidere	2.26	6.07	4.64	1.92	3.57	7.20			6.08				
McHenry	Marengo	1.54	5.28	6.42	.98	3.10	5.92	5.88	1.01	5.47	6.81	2.36	2.69	47.22
Cook	Chicago	.87	5.98	2.99	1.84	1.85	5.93	4.31	.54	4.34	6.89	5.97	2.67	44.18
Kane	Elgin		2.66	.70	1.19									
DeKalb	Sycamore					3.50	11.40	7.05		8.0	5.10	8.20	3.60	3.75
Lee	Prairieville	1.00	6.75	5.41	2.18	1.50	9.07	2.18	1.25	4.45	8.20	3.37	3.06	48.42
Whiteside	Morrison	1.78	4.68	2.85	2.03	2.88	9.79	2.39	.75	3.90	5.76	2.31	2.27	41.39
Whiteside	Sterling	2.15	5.70	3.65	2.66									
Rock Island	Davenport, (Iowa)	1.34	4.14	3.33	1.11	1.34	7.94	.91	.83	5.59	6.85	2.19	1.71	37.28
Henry	Geneseo	3.00	5.50	6.00	2.50	.50	6.00	1.50	.10	5.60	7.90	.50	1.40	40.50
Stark	Elmira	1.05	1.43	3.54	1.26	1.84	8.36	3.94	.62	4.16	5.93	2.62	1.44	36.19
Peoria	Peoria	.52	3.51	3.52	1.62	3.50	7.20	2.43	1.38	4.05	5.56	4.26	3.50	41.05
Warren	Monmouth	*1.39	*3.90	3.80	1.70	1.29	11.82	2.86	2.33	3.50	7.48	2.17	1.86	44.10
Average		1.57	4.71	3.78	1.80	2.27	8.06	3.74	.90	4.66	6.81	2.86	2.48	42.45
CENTRAL DIVISION.														
Hancock	Keokuk, (Iowa)	.50	2.58	2.42	3.12	1.35	8.70	3.08	.86	4.10	8.01	2.59	1.70	39.01
Fulton	Canton	.66	4.53	5.88	1.95	.93	9.67	3.90	1.57	2.96	7.10	3.64	3.23	46.02
McDonough	Prairie City	1.50	5.25	7.50	3.40	2.10	6.50	2.90	2.20	2.40	5.60	3.70	3.50	46.55
Champaign	Champaign	.89	6.49	5.30	1.36	1.95	4.71	1.07	.64	4.89	5.77	7.78	8.54	49.39
Sangamon	Springfield	.84	5.85	4.45	1.96	2.86	4.96	3.37	4.03	6.43	10.02	6.93	4.81	56.51
Coles	Charleston							1.12	(a)	3.95	7.30	8.20	3.50	
Macoupin	Carlinville						5.62	1.91						
Average		.88	4.94	5.11	2.36	1.84	6.69	2.48	1.86	4.12	7.30	5.47	4.21	47.50
SOUTHERN DIVISION.														
Jasper	St. Marie							1.70	.35	3.17	6.99	5.91	3.11	
Madison	Upper Alton	.39	5.44	1.68	3.02	4.50	5.54	1.79	.03	5.60	6.97	8.05	1.41	44.42
Clay	Louisville		1.85	3.00		2.50	7.00							
Marion	Centralia	1.50	1.60	2.00	3.50	2.30	5.35	.20	.60	4.20	6.00	5.50	2.67	35.42
St. Clair	St. Louis, (Mo.)	.49	4.16	1.95	3.14	3.96	2.74	2.13	.31	3.14	7.21	6.74	1.40	37.37
White	Grayville	*2.99	*4.97	4.60	6.00	2.00	6.00	0.00	.50	4.50	3.50	4.50	4.15	43.71
Perry	Swanwick				3.34	2.55	4.42	1.00	.06	3.16	6.40			
Union	Anna	2.79	5.34	1.99	2.29	2.57	5.35	0.00	.38	1.91	6.51	6.10	2.17	37.40
Saline	Riley	1.54	5.28	6.48	.98	3.10	5.62	5.88	1.01	5.47	6.81	2.36	2.69	47.22
Pope	Goconda	1.80	5.85	2.05	3.91	3.50	4.21	.61	.17	4.30	3.69	5.83	4.17	41.09
Alexander	Cairo	3.56	4.92	1.33	3.62	2.44	1.81	.18	.11	2.74	2.74	4.98	3.70	32.13
Average		2.01	4.38	2.79	3.31	2.94	4.80	1.69	.35	3.82	5.68	5.55	2.83	38.84
State average		1.49	4.68	3.89	2.49	2.35	6.52	2.64	1.04	4.20	6.60	4.63	3.17	43.26

\*Estimated.

(a) Too small to measure.



## Precipitation at Stations in Illinois, 1882.

STATIONS.	January.....	February.....	March.....	April.....	May.....	June.....	July.....	August.....	September.....	October.....	November.....	December.....	Total.....
<b>NORTHERN DIVISION.</b>													
<i>County. Postoffice.</i>													
McHenry.....Marengo.....	1.57	2.15	4.58	3.29	3.59	4.42	3.63	2.08	2.36	4.17	1.52	2.00	35.36
Stephenson.....Ridott.....				5.79	4.55	8.14							
Cook.....Chicago.....	1.55	2.24	3.43	6.72	5.52	5.71	3.43	4.96	.91	3.40	1.48	1.99	41.34
Kane.....Aurora.....								4.70	1.39	3.21	2.10	2.47	
DeKalb.....Sycamore.....	1.80	1.90	4.85	6.10	3.80	7.90	4.35	2.34	1.94	4.55	2.25	2.25	44.03
Ogle.....Polo.....							3.23	3.77	1.49	3.26	1.62	.33	
Lee.....Prairieville.....	1.50	1.67	4.50	6.36	4.66	4.50	4.32	5.52	1.44	3.56	1.68	2.35	42.06
Whiteside.....Morrison.....	1.08	.73	3.25	*3.16	*4.42	10.66	3.50	1.81	1.48	4.44	1.26	2.23	37.42
Henry.....Geneseo.....	1.50	2.40	5.80	3.50									
Stark.....Elmira.....	.74	1.04	4.12	2.83	4.96	6.23	3.94	6.55	.93	3.19	1.38	1.15	37.06
Peoria.....Peoria.....	1.27	3.21	3.12	2.41	6.34	11.18	2.91	1.92	1.53	3.76	2.08	1.76	41.49
Warren.....Monmouth.....	1.00	1.15	3.66	2.93	7.00	9.92	4.12	2.51	1.24	4.40	1.60	1.38	40.91
Average.....	1.33	1.83	4.14	4.31	4.98	7.56	3.71	3.62	1.47	3.79	1.70	1.79	39.96
<b>CENTRAL DIVISION.</b>													
Ford.....Paxton.....									1.62				
McLean.....Normal.....						9.36	1.69	2.57	1.25	5.87	2.55		
Fulton.....Canton.....	1.24	1.93	3.57	3.41	10.92	9.10	4.75	4.63	1.39	*3.96	*2.82	*2.50	50.22
McDonough.....Prairie City.....	1.50	3.10	6.60	5.30	7.90	16.50	3.40	3.00					
Champaign.....Champaign.....	1.99	5.49	4.54	3.86	8.55	9.93	2.44	4.87	2.06	5.53	2.37	2.21	53.84
Logan.....Atlanta.....						11.44	2.42	7.69	1.50	4.71			
Menard.....Petersburg.....							2.79						
Sangamon.....Springfield.....	2.48	7.92	4.92	3.85	10.59	12.71	1.89	3.13	1.21	3.76	2.60	3.15	58.20
Morgan.....Jacksonville.....							2.70	4.45	1.55	6.55	.36		
Scott.....Riggston.....					7.29	7.73	3.84	4.19					
Pike.....Griggsville.....	*1.39	*3.90	*3.10	4.03	8.20	8.04	3.47	2.97	1.87	4.82	3.45	1.93	47.18
Christian.....Pana.....								3.68	.15	2.00	2.75	1.50	
Coles.....Mattoon.....	2.00	9.00	6.10	4.42	6.95	5.94	2.07	5.94	1.70	3.00	2.75	2.26	52.13
Average.....	1.77	5.22	4.80	4.14	8.63	10.08	2.86	4.28	1.43	4.47	2.46	2.26	52.31
<b>SOUTHERN DIVISION.</b>													
Crawford.....Palestine.....						5.50	1.91	3.27	2.17	1.68	2.02	3.88	
Jasper.....St. Marie.....	3.27	5.41	4.31	1.40	6.20	5.01	3.09	5.55					
Bond.....Greenville.....					2.96	9.45	3.68						
Madison.....Upper Alton.....	2.12	8.26	2.03	3.14	5.45	4.46	2.66	2.40	1.58	3.06	2.89	2.02	40.07
Marion.....Centralia.....	3.00	6.05	5.17	1.65	4.73	9.66	3.97	5.74	2.45	7.25	1.75	*3.75	55.17
St. Clair.....Mascoutah.....	3.50	7.25	5.00	2.65	4.75	5.81	5.12	2.57	4.25	3.66	5.74	2.37	52.47
White.....Grayville.....	7.55	6.00	7.50	3.05	4.00	3.75	7.25	3.27	*2.84	*4.14	1.00	*3.75	54.10
Hamilton.....McLeansboro.....	*2.99	*4.97	*3.22	2.86	6.27	3.93	3.06	7.35	3.99	2.82	2.77	2.60	46.83
Perry.....Swanwick.....	2.21	7.17	3.96	1.29	6.68	3.22	4.00	3.42	3.26	3.73			
Saline.....Harrisburg.....								3.90					
Pope.....Golconda.....	6.05	10.16	4.72	3.85	10.24	4.00	5.90	11.38	3.83	2.29	5.64	2.43	70.52
Johnson.....Vienna.....								3.95	3.81	2.82			
Union.....Anna.....	4.39	8.17	4.52	4.09	9.77	3.04	3.09	4.19	3.47	2.06	6.04	2.97	55.80
Alexander.....Cairo.....	6.35	10.14	4.22	4.14	10.22	3.34	5.25	3.46	3.28	2.57	5.96	2.65	61.78
Average.....	4.14	7.36	4.46	2.81	6.48	5.10	4.08	3.69	3.23	3.28	3.79	2.93	54.59
State average.....	2.41	4.80	4.47	3.75	6.70	7.58	3.55	4.20	2.04	3.85	2.64	2.33	48.95

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## Precipitation at Stations in Illinois, 1883.

STATIONS.	January ...	February ..	March.....	April.....	May.....	June.....	July.....	August.....	September.	October....	November..	December..	Total.....
<b>NORTHERN DIVISION.</b>													
<i>Postoffice. County.</i>													
Marengo.....McHenry.....	2.18	4.61	.89	2.00	6.18	3.92	2.94	1.17	2.04	4.28	4.03	1.67	35.91
Polo.....Ogle.....	1.58	3.43	.32	2.40	6.14	4.33	5.02	.97	1.61	5.42	4.03	1.56	36.81
Sycamore.....DeKalb.....	2.15	4.44	.65	3.41	8.55	5.85	5.50	1.95	2.93	6.48	6.63	1.86	50.40
Chicago.....Cook.....	1.74	4.74	.42	3.72	7.32	5.61	5.43	1.21	1.36	7.36	5.26	1.60	45.87
Morrison.....Whiteside.....	1.64	5.08	.86	1.49	4.78	4.13	5.17	*3.03	1.26	*4.22	6.30	*2.07	40.03
Elmira.....Stark.....	1.87	7.63	.57	4.14	4.31	3.51	4.19	.....	.....	.....	.....	.54	.....
Monmouth.....Warren.....	1.80	2.72	1.15	2.44	5.32	6.55	5.66	1.11	1.07	4.94	3.28	.95	36.99
Peoria.....Peoria.....	1.31	4.14	.77	6.18	6.54	4.39	3.57	.57	2.93	3.57	4.19	1.37	39.53
Aurora.....Kane.....	2.57	7.27	.61	3.75	7.23	3.56	3.07	.95	1.57	7.16	6.37	2.61	46.72
Prairieville.....Lee.....	2.74	4.95	.72	2.25	7.01	4.81	5.00	1.56	3.00	5.03	5.95	2.43	45.45
Average.....	1.96	4.90	.70	3.18	6.34	4.67	4.55	1.39	1.97	5.38	5.11	1.67	41.97
<b>CENTRAL DIVISION.</b>													
Normal.....McLean.....	3.27	.....	1.43	7.67	.....	.....	.....	.....	.....	.....	.....	.....	.....
Atlanta.....Logan.....	1.50	5.50	.93	5.38	5.59	5.60	*3.97	1.11	2.19	3.63	*2.82	*2.50	40.72
Pana.....Christian.....	1.28	4.50	1.00	2.00	4.31	3.15	5.75	1.50	.75	8.00	3.72	.82	36.78
Springfield.....Sangamon.....	1.96	7.53	1.36	1.42	6.61	8.40	3.77	.95	1.06	6.08	3.48	3.17	48.79
Griggsville.....Pike.....	1.38	6.01	1.48	5.48	6.60	8.80	2.77	2.37	1.21	7.52	3.78	1.57	48.97
Mattoon.....Coles.....	.91	8.20	1.28	3.03	4.14	3.94	4.64	1.78	.80	9.40	4.73	2.26	45.11
Bunker Hill.....Macoupin.....	1.17	7.42	1.47	4.33	3.80	.....	.....	6.02	.81	3.14	3.71	1.96	.....
Merritt.....Scott.....	.....	.....	.....	.....	.....	.....	.....	.....	1.66	.....	.....	.....	.....
Average.....	1.64	6.53	1.28	4.61	5.17	5.98	4.18	2.29	1.21	6.29	3.71	2.04	44.07
<b>SOUTHERN DIVISION.</b>													
Palestine.....Crawford.....	2.10	8.47	3.62	3.40	2.09	4.13	8.30	1.95	.32	7.58	7.45	4.05	53.46
Centralia.....Marion.....	.82	10.35	3.66	4.65	3.15	8.47	6.95	*3.06	.74	8.55	7.20	1.65	59.25
Swanwick.....Perry.....	1.41	6.66	3.27	4.64	3.16	6.38	5.24	3.22	.06	8.53	5.90	2.92	51.39
McLeansboro.....Hamilton.....	2.30	8.27	3.31	3.19	5.20	9.13	3.14	2.54	.....	9.28	6.64	3.50	56.50
Golconda.....Pope.....	3.33	6.84	1.57	6.98	7.13	6.15	4.22	1.27	.71	6.65	8.66	4.66	57.17
Cairo.....Alexander.....	2.74	8.52	2.15	5.64	3.85	7.11	7.95	1.73	.34	6.97	4.36	2.18	52.53
Grayville.....White.....	2.50	.....	1.00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mascoutah.....St. Clair.....	1.52	12.25	3.00	3.25	6.20	6.70	5.60	3.20	.....	7.60	3.50	2.10	54.92
Anna.....Union.....	2.25	8.19	3.93	5.75	6.64	8.21	2.86	4.02	.57	7.21	6.85	5.14	60.14
Greenville.....Bond.....	1.00	4.50	3.66	5.05	6.25	4.21	7.50	3.52	.03	9.52	6.62	2.46	54.62
Average.....	2.00	8.23	2.92	4.73	4.85	6.61	5.75	2.72	.31	7.99	6.39	3.08	55.35
State average.....	1.87	6.55	1.63	4.17	5.45	5.75	4.83	2.13	1.16	6.55	5.07	2.26	47.13

\* Estimated.

## Precipitation at Stations in Illinois, 1884.

STATIONS.		January	February	March	April	May	June	July	August	September	October	November	December	Total
<b>NORTHERN DIVISION.</b>														
<i>Postoffice.</i>	<i>County.</i>													
Belvidere	Boone	1.07												
Marengo	McHenry	.80	2.20	1.51	2.83	2.56	4.22	4.19	3.36	4.34	3.85	1.79	3.28	34.93
Polo	Ogle	1.45	2.25	2.17		2.77	4.30	6.39	2.81	5.03				
Sycamore	DeKalb	.71	2.15	2.02	4.06	3.18	4.53	8.84	3.43	3.46	5.76	2.48	4.14	44.76
Chicago	Cook	1.39	3.27	5.16	3.05	1.53	2.11	3.71	2.55	2.29	3.59	1.80	4.21	31.66
Aurora	Kane	1.14	3.72	2.30	2.59	2.26	2.18	6.33	2.48	2.42	5.61	1.91	4.57	37.51
Prairieville	Lee	1.30	2.75	2.03	1.89	4.50	3.35	10.60	4.06	5.80	6.24	2.54	5.56	50.62
Rock Island	Rock Island	.43	.54	1.35		4.91			4.27	7.59	7.88	2.04		
Monmouth	Warren	1.06	1.16	3.01	1.48	3.79	5.05	4.06	2.91					
Peoria	Peoria	.70	3.18	2.17	2.62	5.50	3.87	3.67	4.13	5.76	4.80	2.19	3.21	41.80
Wilton Centre	Will												4.84	
Morrison	Whiteside					2.84	4.83							
Average		1.00	2.36	2.41	2.64	3.38	3.83	5.97	3.33	4.59	5.39	2.11	4.26	40.71
<b>CENTRAL DIVISION.</b>														
Atlanta	Logan	.75	2.85	2.80	1.14	5.25	5.22	4.22	2.50	.42	3.51	*2.82	*2.50	33.98
Petersburg	Menard	.23	*3.90	1.85	.20	4.85	9.35	3.22	1.95	4.25	2.30	*2.82	*2.50	37.42
Springfield	Sangamon	1.51	4.24	3.70	2.49	3.70	6.20	3.62	1.54	6.85	2.74	1.29	4.19	43.16
Griggsville	Pike	.71	3.78	3.33	3.39	5.46	5.20	3.04	3.89	8.11	2.66	2.48	3.43	45.51
Pana	Christian	1.06	3.50	1.50	2.58	2.25	2.39	4.00	1.25	7.33	2.50	2.00	4.88	35.24
Mattoon	Coles	.90	5.44	2.75	3.56	4.90	6.88	3.65	2.20	4.70	2.80	1.83	5.45	45.06
Bunker Hill	Macoupin					4.27	3.96		2.56	7.19				
Average		.86	3.95	2.66	2.23	4.39	5.60	3.62	2.27	5.55	2.75	2.21	3.99	40.06
<b>SOUTHERN DIVISION.</b>														
Palestine	Crawford	1.90	4.40	1.79	3.10	5.38	5.09	3.34	1.75	5.29	1.40	2.27	5.84	41.55
Greenville	Bond	2.10	8.90	*3.22	4.16	7.89	8.15	6.82	4.16	6.14	5.00	2.38	7.62	66.54
Mascoutah	St. Clair	1.42	6.70	5.60	5.30	7.70	5.50	1.40	1.60	3.80	1.60	2.40	6.90	49.92
Centralia	Marion	.85	4.42	2.10	2.12	3.37	5.90	3.25	3.20	4.67	1.05	1.03	5.50	37.46
Swanwick	Perry	1.15	6.18	2.75	2.12	4.84	5.66	1.90	.95	2.85	1.00	1.60	5.78	36.78
McLeansboro	Hamilton	1.97	3.87	2.55	2.96	2.80	5.27	1.78	2.70	3.80	1.92	1.88	8.24	39.74
Anna	Union	2.01	5.38	4.05	3.80	4.99	7.55	5.49	2.65	3.33	1.42	2.54	9.57	52.82
Golconda	Pope	2.12	6.61	4.04	4.95	4.74	7.52	5.49	.49	5.02	3.46	2.07	8.15	54.66
Cairo	Alexander	2.32	5.58	4.20	3.65	4.57	2.95	7.34	2.74	5.02	1.89	2.41	8.99	51.66
Collinsville	Madison					4.21	3.73	2.21	1.82	3.66	1.64	2.16	5.68	
Average		1.76	5.78	3.37	3.57	5.05	5.73	3.90	2.21	4.36	2.04	2.08	7.23	47.90
State average		1.21	4.03	2.81	2.81	4.27	5.05	4.50	2.60	4.83	3.39	2.13	5.46	42.89

\* Estimated.



*Summary of Precipitation in Illinois.*

STATIONS.		1878.	1879.	1880.	1881.	1882.	1883.	1884.	Average.
NORTHERN DIVISION.									
<i>County.</i>	<i>Postoffice.</i>								
McHenry	Marengo	32.44	32.32	33.30	47.22	35.36	35.91	34.93	35.93
Winnebago	Durand		33.32	44.89					39.11
Winnebago	Rockford				44.21				44.21
Boone	Belvidere		35.36	45.35					40.36
Cook	Chicago		30.41	37.10	44.18	41.34	45.87	34.66	38.93
Kane	Elgin		32.15	41.39					36.77
Kane	Aurora						46.72	37.51	42.12
DeKalb	Sycamore					44.03	50.40	44.76	46.40
Ogle	Polo						36.81		36.81
Lee	Prairieville				48.42	42.06	45.45	50.62	46.64
Whiteside	Morrison				41.39	37.42	40.03		39.61
Putnam	Hennepin	32.15							32.15
Henry	Geneseo	33.90	30.00	38.50	40.50				35.73
Rock Island	Davenport (Iowa)		33.89	42.73	37.28				37.97
Stark	Elmira	30.16	25.66	30.97	36.19	37.06			32.01
Peoria	Peoria	31.46	28.97	39.89	41.05	41.49	39.53	41.80	37.74
Warren	Monmouth				44.10	40.91	36.99		40.67
Average		32.02	31.34	39.35	42.45	39.96	41.97	40.71	
CENTRAL DIVISION.									
Hancock	Augusta	35.60	28.88	33.70					32.73
Hancock	Keokuk (Iowa)		22.51	34.54	39.01				32.02
Fulton	Canton				46.02	50.22			48.12
McDonough	Prairie City				46.55				46.55
Champaign	Champaign				49.39	53.84			51.62
Brown	Mt. Sterling	45.86	21.70	30.52					32.69
Logan	Atlanta						40.72	33.98	37.35
Menard	Petersburg							37.42	37.42
Sangamon	Springfield			30.93	56.51	58.20	48.79	43.16	47.52
Pike	Griggsville					47.18	48.97	45.51	47.22
Christian	Pana						36.78	35.24	36.01
Coles	Mattoon					52.13	45.11	45.06	47.43
Average		40.73	24.36	32.42	47.50	52.31	44.07	40.06	
SOUTHERN DIVISION.									
Crawford	Palestine						53.46	41.55	47.51
Jasper	St. Marie		30.07	39.03					34.55
Bond	Greenville						54.62	66.54	60.58
Madison	Upper Alton		32.93	31.41	44.42	40.07			37.21
Clay	Louisville	46.64	41.60	42.44					43.56
Marion	Centralia			40.70	35.42	55.17	59.25	37.46	45.60
St. Clair	St. Louis (Mo.)		25.70	34.56	37.37				32.54
St. Clair	Mascoutah					52.47	54.92	49.92	52.44
White	Grayville			51.33	43.71	54.10			49.51
Hamilton	McLeansboro					46.83	56.50	39.74	44.36
Perry	Swanwick						51.39	36.78	44.09
Pope	Golconda		54.84	56.17	41.09	70.52	57.17	54.66	55.74
Union	Anna				37.40	55.80	60.14	52.82	51.54
Saline	Riley				47.22				47.22
Alexander	Cairo		45.31	49.56	32.13	61.78	52.53	51.66	48.83
Average		46.64	38.41	43.14	39.84	54.89	55.35	47.90	
State average		39.80	31.37	38.30	43.26	48.95	47.13	42.89	

## CORRESPONDENTS' REMARKS.

**ADAMS**—The corn crop was above the average in both yield per acre and the general quality of the corn. On the poorer class of lands, there was some complaint of the corn lodging. Winter wheat and rye made excellent growth during the warm and favorable weather of the past fall. The acreage is somewhat less than usual, but the condition of the growing crop is much better than an average. There is an increase in the production of butter and cheese over that of 1883. A very general decrease in all the fruit crops. The farmers of this county can boast of their improved stock, especially horses and cattle. In almost every neighborhood can be seen Thoroughbred Norman and Clydesdale horses, and Durham, Hereford and Jersey cattle. Cholera is reported in and around Falls Creek township, where there has been great loss of hogs. Other portions of the county have been comparatively free from this disease.

**ALEXANDER**—Corn in quality is quite up to the average, while there is a material falling off in acreage. Winter wheat is in fine condition, with much less acreage than in 1883. The crop of grapes and apples was about 20 per cent. short as compared with last year. The yield of other fruits are reported up to an average. There is an increased supply of hogs and beef cattle as compared with corresponding date last season. There is no complaint from hog cholera or other diseases of farm animals.

**BOND**—The corn crop is far below the average in every respect. A strip of country from 1 to 2 miles wide, through the best farming portion of the county was visited by a severe hail and wind storm on Sept. 16 which very seriously damaged the growing crop. Winter wheat is looking unusually promising. The early sown wheat was injured more or less by the Hessian fly. In area the growing crop is fully up to the average. Very little rye sown except for pasturage. Dairy products all show an increase, while those of the orchard a decrease as compared with last report. There was a considerable loss of hogs early in the fall by cholera. None however after the cold weather set in. Farm animals generally free from disease.

**BOONE**—The quality of corn is above an average, and the yield per acre is better than an average. The corn area is not as large as in 1883. Winter wheat looks well; the area is some less than last season. There is no complaint of disease among farm animals. The supply of fat hogs and beef cattle ready for market is not as large

as last season. There is a large reduction in the number of fat sheep as compared with corresponding date last season. More attention has been given to the production of butter than heretofore. There is an increase in the apple crop as compared with 1883. Peach crop was one-half less than that of the previous year. The fall season has been mild and favorable for farming operations. The area of tile drained land is being extended in this county, and the results give great satisfaction.

**BROWN**—The quality of corn is generally very good, and there was an increased acreage. In many places the "corn-worm" injured the quality by cutting off the main roots of the stalk. Winter wheat acreage hardly up to the average; ground in fine condition when sown, and as a result the crop is in the best possible condition. The condition of winter rye was never better, and the acreage is fully up to the average. The fruit crop generally fell short of that of last season. There is an increased interest in the dairy. The county is rapidly coming to the front in all matters pertaining to live stock. The Jerseys, Holsteins and Short-horns each have their admirers, who are buying and starting new herds. Many herds of cattle have been troubled with a disease similar to pink-eye in horses. The eye seems very sensitive to light, and continually runs water and is inflamed. As the disease advances the eye is seriously damaged. It causes cows to abort, and affects the health generally. It is not altogether contagious, as many animals escape in an infected herd. By a system of tile drainage some of the most productive lands have been reclaimed.

**BUREAU**—The corn crop in quality was excellent, but the yield fell below the average. Early in the season the growing corn was attacked by a small white worm which nearly destroyed many fields. Winter wheat: The acreage has been reduced. The fine growing weather during the fall put the wheat in fine condition. Winter rye: An increased acreage over 1883; condition good. Young hogs are somewhat affected by cholera, but no serious loss. Very general attention is paid to the improvement of the different breeds of stock. Experience has demonstrated the great benefits to be derived from drainage, and farmers generally are tiling their wet lands.

**CALHOUN**—The yield of corn per acre is considerably above the average, and the quality excellent. The condition of winter

wheat is reported as good, but the acreage much less over that of last season. There was more winter rye sown than usual, and the condition is good. Red clover has been very extensively sown during the past season throughout the county. In some localities there has been considerable loss of hogs by cholera.

**CARROLL**—There is an increase in the production and improvement in the quality of corn over that of last season. The acreage of winter-wheat is a little above the average and the condition fair. Winter rye looks well and there is about the same acreage as in 1883. There is a greater supply of hogs and beef cattle than in December, 1883. The apple crop was much better than last season. An increase is reported in the production of butter; other dairy products about the average. There is a decided interest taken in the improvement of farm animals, especially Clydesdale horses, Holstein and Polled Angus cattle. No disease of animals reported.

**CASS**—The quality of corn is very good and the acreage somewhat less than last season. Corn raised on tiled land better than the average. The weather has been excellent for corn gathering. The winter wheat is in good condition, owing to the fine growing weather during the fall; the acreage about the average. There was more winter rye sown than usual, principally for pasturage. The great improvement in the yield of crops sown on tiled land, has greatly encouraged this system of drainage. Considerable attention is paid to the production of grass seed. The fruit crop was not as good as last year. Nearly all the better breeds of cattle are found in this county, except the Holstein. Cholera is prevailing to some extent throughout the county among hogs, other stock are comparatively free from disease.

**CHAMPAIGN**—The average yield per acre of corn is less than that of last season while the quality is much better than an average. The crop fell considerably short of expectations before gathering. Winter wheat looks unusually well, the acreage is less than last season. The winter rye looks very well, but fully 30 per cent. short of the average acreage. The fruit crop generally was up to the average, that of apples 20 per cent. more than last season. Much attention is given to raising grass seeds, timothy clover and hungarian all produced well. This county has 23 tile factories, all running their full capacity. Farmers are alive to the importance of thorough drainage of their wet lands. Tiling county roads has proven a great success. Special attention is given to the improvement of all kinds of stock. Hog cholera is prevailing in some portions of the county to an alarming extent, one reporter estimates that 50 per cent. of the hogs have died in his neighborhood.

**CHRISTIAN**—The yield of corn per acre is a little above an average but the quality is not so good as that of last season. Winter-wheat is in fine condition, the acreage is less than usual by 50 per cent. There was very little winter rye sown last fall. Condition very good however. All kinds of grass seed were fully up to the average. The apple crop was 20 per cent. better than last season, other fruits about an average crop. More care is being taken in the breeding of the better class of stock of all

kinds, especially Short-horn and Hereford cattle, and Clydesdale horses. Farmers are trying tile draining with excellent results. Hog cholera has been very fatal. The loss from this disease during the year has been greater than in the past four years altogether.

**CLARK**—The acreage of corn is hardly up to the average; the quality generally good; in some neighborhoods, however, very poor and chaffy, owing to the chinch bug and drouth during July and August. Winter wheat is in very fair condition; that sown early was injured by the fly; the acreage is 25 per cent. less than that of last season. About the usual crop of winter rye was sown; condition very good. Considerable attention is given to raising clover seed, which invariably brings a good price in the local market. Farmers are paying more attention to tile drainage, with good results in the increase of yield. There are three tile factories in the county running full capacity. The improvement of stock throughout the county is the ambition of many farmers, and can be seen in every locality. Hog cholera has been very bad, but is abating.

**CLAY**—There was not more than three-fourths of an average yield of corn; the quality was not first-class. The acreage of winter wheat is not so large as usual, and much of it was sown late, but owing to the favorable fall, grew finely. There is very little winter rye raised in this county. There is some experimenting in tile draining. The improvement of stock is meeting with its share of attention, especially horses and cattle. There is some distemper among horses, but is not of a serious nature. The fruit crop was below the average. There is a marked increase in the dairy product over last season. Farm animals are generally free from disease, with the exception above referred to.

**CLINTON**—The corn crop is a little above the average in the yield per acre, and not more than three-fourths of the average acreage, and is not of a good quality. The area of winter wheat sown is less than an average, and is in only moderately fair condition; that sown early was injured more or less by the fly. Winter rye looks well, and the acreage is not quite so large as last season. The dairy products are all reported up to the average. Drain tiling is very limited; only a few farmers have taken an interest in this enterprise. Hog cholera is killing off a great many hogs.

**COLES**—The crop of corn was below the average in yield per acre, and better than usual in quality. Heavy rains in July and the continued drouth in August cut down the yield. Winter wheat looks strong and well set, and is in splendid condition for winter; the acreage is increased a little over last season. The same can be said of winter rye. Tile draining is very popular in this county; there are twelve factories, running full capacity, and still unable to supply the demand; almost every farmer laid more or less tile during the fall. All classes of fine stock are receiving careful attention from our farmers. Hog cholera has been very fatal throughout the county, especially so with the young stock.

**COOK**—The yield of corn per acre was 33½ per cent. above the average, and the quality good. The condition of the winter wheat is very good and the acreage about



an average. The same can be said of winter rye. The fruit crop, (especially grapes and apples), was above the average. Dairy products show a healthy increase. The number of fat hogs and sheep in the hands of farmers is about that of last season. There are no complaints of disease among farm animals.

**CRAWFORD**—The yield of corn per acre is above the average; the quality fine. Winter wheat looks well for the time sown, which was late, owing to the presence of the Hessian fly; the acreage is 30 per cent. less than that of last season. About the average acreage of winter rye sown and it is in fine condition. The supply of beef cattle on hand is greater than at a corresponding time last year. The fruit crop generally averaged about a half crop. There is an increase in the area of lands drained by tiling. The improvement in quality of farm animals is meeting with encouragement. The loss of hogs by cholera has been very great, every reporter from this county saying that the disease has been much more fatal than usual.

**CUMBERLAND**—The yield per acre of corn is less than an average, and the quality is not up to the usual standard of this county. The acreage of winter wheat is less than that of last season; the condition very favorable; some complaint of the fly. Little or no attention is paid to growing winter rye. There is an increase in the yield of clover seed. The supply of hogs and beef cattle in the hands of the farmer is not so great as at a corresponding period last year. Some of the most enterprising farmers are experimenting with drain tile on wet land, with fair success. The soil in this county is so compact and the hard pan so near the surface in many places that it does not drain readily.

**DEKALB**—The quality of the corn crop in this county was never better, whilst the yield is above the average. The winter wheat area is up to an average, and the wheat is in good condition. There is an increased acreage in winter rye, and the condition is better than an average. The apple crop was almost double that of last season. Farmers have purchased more thoroughbred breeding animals this year than ever before. More attention is paid to making and saving fertilizers than usual. Many farmers are paying as much as one dollar per load for stable manure. There is a decline in the interest heretofore taken in orchards. The hog cholera is prevailing in some portions of the county.

**DEWITT**—The quality of the corn is superior to that of last year; the ears are not large, but very sound; the yield is slightly over the average. The condition of the winter wheat is very good; plant healthy and color excellent; the acreage does not come quite up to the average. There is a good stand of winter rye, with a less acreage than usual. The fruit crop generally very good. There is an increase in all the products of the dairy over that of 1883. There is a greater supply of hogs in the hands of the farmer than at a corresponding date last season. By a system of drain tiling, swamps have been made tillable and produce the largest yield of corn per acre of any land in the county. Very little disease among farm animals.

**DOUGLAS**—The corn crop in both yield per acre and quality is considerably above the average. The acreage of winter wheat has been reduced 20 per cent.; the condition was never better. Winter rye looks well, having got a good start during the warm and favorable fall; the acreage is smaller than usual. The orchard products are all very much short of an average. The number of hogs in the hands of the farmer is larger than at a corresponding date in 1883. There is a slight falling off in the number of cattle and sheep. There is a steady improvement in the breed of all kinds of farm stock. Animals generally are free from disease; no cholera reported among hogs.

**DUPAGE**—The corn crop is the best for many years, with an acreage fully up to the average; the yield per acre exceeds that of any crop in the past seven years. Wheat and rye have had a splendid growth and are in better condition than usual. The acreage of wheat is about the average; that of rye possibly a little more than that of last season. The dairy and orchard products all show a good average. The number of fat hogs, cattle and sheep is about the same as in 1883. The imported stock brought into this county by enterprising farmers and horse men has put the general standard of farm animals above the average. Much attention is being paid to all the improved methods of farming as well as stock raising. Farm animals are free from disease.

**EDGAR**—The yield of corn per acre is a little less than an average; the ears are small and sound; general quality above an average. There is not so large an acreage of winter wheat as last year but the condition is first class and the prospect better than it has been for years. There is very little winter rye sown in this county. The fruit crop was hardly up to an average in any respect. Apples fell short 66 per cent. Drain tile is being very extensively used and is meeting with great favor. Considerable attention is given to improving the various breeds of live stock. The production of the dairy is fully up to the average. A great deal of clover is grown in this county for seed. The crop this season is better than usual. Farm animals are comparatively free from disease.

**EDWARDS**—The corn in quality is up to the average, but in yield is not more than three-fourths of an average crop. Owing to the warm open weather in October and November the winter wheat got a good set, and looks well; the acreage is not as great as last season. The same can be said of rye. More attention is being paid every succeeding year to the dairy and the raising of fine stock; especial attention is given to the improved breeds of horses and sheep. There are complaints in some localities of distemper or "epizootic" among horses. The number of hogs and beef cattle in the hands of the farmers at this season of the year is greater than usual. There was but little more than half a crop of grapes and apples. No peaches worth reporting. Stock very free from disease.

**EFFINGHAM**—The corn crop fell short of an average yield per acre, and was only medium in quality; that grown on bottom lands, however, was very good. The condition of winter wheat and rye is fine; good growth and color and free from fly or other insects; the acreage is not so large as that of last season. There was not more than a half crop of grapes or apples. The dairy

interests in this county keep up a good average production. The number of fat hogs, cattle and sheep in the county is much less than last season at a corresponding date. There is a steadily growing improvement in the breeds of farm animals. The tile drain is gradually taking the place of surface drains, and is giving very encouraging results. Very little disease of any kind among farm animals.

**FAYETTE**—There was nearly a failure in the corn crop in this county; the production per acre was not more than 50 per cent. of an average, and the quality very inferior. Winter wheat and rye are both below the average in acreage, and above in condition; some of the early sown is said to have fly in it. There is a general interest in the improvement of farm animals; the Short-horn and Jersey meet with the greatest favor; several new herds have been formed during the year. There is considerable interest taken in raising the various grass seeds, with good success. The product of the dairy is above the average. The interest manifested in the tile drain is still increasing, and the better methods of farming are being adopted. There is some cholera among hogs where they have been allowed to run in the woods and not properly cared for; no other disease among farm animals.

**FORD**—The quality of corn could not be improved, and the yield per acre was fully 20 per cent. above the average. The acreage of winter wheat and rye is less than that of last season; the condition is much better than usual. There was a large increase in the apple crop, but a very general falling off in other fruits. The number of hogs and beef cattle in the hands of the farmer is much less than that of a corresponding date last season. The dairy product of this county makes a splendid showing, every item reported at a healthy average. Farmers are interested in improved stock and giving more attention to drainage. The cholera has been unusually fatal among stock hogs; it is estimated that fully 50 per cent. of the hogs of the county have died of this disease.

**FRANKLIN**—The yield of corn is better than an average, but the quality not so good. The acreage and condition of winter wheat is about an average; has the appearance of being damaged by the Hessian fly. The area of rye sown is not large, and the condition below an average. There are more hogs, beef cattle and sheep on hands than there were last season at this date (December 1, 1884). The dairy products are all reported a full average. The fruit crop generally fell far short of last year's crop. Farm animals are in a healthy condition. Tile draining is proving a great success wherever used.

**FULTON**—To this county belongs the honor of having produced the premium corn of the Central Division of the State; the yield per acre and the quality generally is above the average; the premium corn was raised on the farm of E. A. Vittum, Esq., of Canton. There is a slight falling off in the acreage of the wheat and rye sown this season; the growth is very rank, and condition good; some complaint of army worm. The dairy interests of this county is in a splendid condition; every product reported above an average. The fruit crop was not quite up to an average, but very good however. Farmers are tiling their low lands and are being rewarded with an

increased production. Farm animals are in good condition and are free from disease; the farmers are taking great interest in the improved breeds of stock.

**GALLATIN**—The yield per acre is above the average, while the quality generally is not so good as that of last year. Winter wheat in good healthy condition, but was sown late on account of the fly; the area is not up to the average. There are fewer fat hogs, cattle and sheep on hand December 1, 1884, than at same date last season. The fruit crop was very good; not quite so many apples but a larger yield of grapes. Farm animals are generally in fine seasonable condition; there are a few cases of distemper among horses, and few complaints of hog cholera. It is estimated that the lands of this county, drained by tiling, produce from 50 to 100 per cent. larger crops than the same land did before the farmers entered upon this enterprise. There is a great improvement in the farm stock of this county.

**GREENE**—The quality of corn is above the average and the yield is put at forty-two bushels per acre. Winter wheat and rye are fully up to the average of last season; the general condition fine, with here and there exceptions where the fly worked on early wheat. There is a reduction in the number of hogs and cattle on hand, and an increase of sheep over that of December, 1883. The dairy interest is in a flourishing condition, and the product larger than last year. More attention than usual has been paid to raising timothy, clover and other grass seeds. There was a very poor crop of apples and grapes. There is a marked improvement in all kinds of farm animals. The most enterprising of the farmers and land owners of this county took advantage of the fine weather during the fall and laid a large amount of tile. Hog cholera, little or none.

**GRUNDY**—The quality of corn is a great deal better than it has been for years past, and the yield shows an increase of 50 per cent. over the average crop. The winter wheat and rye looks well, the acreage about the same as that of last year. The productions of the dairy are far above the average. The farmers generally are largely interested in the laying of drain tile, which has in this county invariably proven a success. The fall has been unusually favorable to out-door work, consequently more tile has been laid than during any preceding season. This county is not behind in matters pertaining to farm improvements, the use of labor-saving machinery and the breeding of all the better strains of stock. Very little cholera among hogs; other animals free from disease.

**HAMILTON**—The acreage of corn was not so large as that of last year, the yield exceeded that of any season for several years past. Wheat and rye look splendid; good stands, stood out well and generally in a better condition than heretofore. Quite a reduction in the number of hogs and cattle in the hands of the farmer ready for market from that of last year at a corresponding date. Extensive importations of fine stock have been made during the year. The Berkshire, Poland-China and Jersey-Red hogs are being raised by almost every enterprising farmer. Additions have been made in the herds of Shorthorn and Jersey breeds of cattle.



The farmers have commenced laying drain tile and good results will doubtless be given in the next report; two tile factories have been started in the county.

**HANCOCK**—The corn crop was excellent in quality, ripened well, hard and dry and was cribbed in good order. The yield was above the average. The acreage of winter wheat is larger than that of the past year; generally in good condition. The early wheat was injured some by the army worm. Very little rye sown except for pasturage. The fruit crop was better in quality and yield than an average. The number of fat cattle and hogs in first hands less than usual. The tile drain is quite popular and most of the fair fall weather was taken advantage of by the farmers to properly drain some of their wet lands. There is an increased demand for tile. In some parts of the county calves have been dying with blackleg, it invariably proving fatal. Very little cholera among hogs.

**HARDIN**—The yield of corn in this county is a great deal above an average; and the quality superior. Winter wheat above an average in acreage. Most of the wheat was sown early, has grown rapidly and looks remarkably healthy. There are fewer fat hogs and beef cattle than usual in this county. Until lately little or no attention was paid to the improvement of the better breeds of stock. The Shorthorn has been introduced and the farmers are discussing the various other breeds with a view of purchase and bringing them into the county. In the south part of the county hogs are dying off with cholera, but the disease is not general.

**HENDERSON**—The yield of corn per acre is considerably above the average, and the quality very good. The acreage of winter wheat is much less than an average; and the same might be said of its general condition. The army worm injured most of the wheat. Not more than half the area of rye was sown; condition above the average. In the improvement of all kinds of stock this county is coming to the front rapidly. It is the ambition of nearly every farmer to excel his neighbor in this respect. This county has been seriously affected by hog cholera. If the disease continues much longer there will not be hogs enough left for breeding purposes. The fruit crop was far below the average.

**HENRY**—The corn crop is above the average in quality and below the average in yield per acre. The winter wheat and rye is looking better than usual, owing to the exceptionally favorable fall. The area is fully up to the average. The fruit crop was better than an average in this county for this year, as compared with other counties. The number of fat cattle and sheep is about the same as that of last season, whilst the number of fat hogs is considerably below an average. The dairy products of this county are gradually increasing. The cholera is among the hogs to some extent. Every farmer should keep his hogs clean, give them a change from one lot to another and sprinkle their sleeping places with slaked lime. Other farm animals healthy and free from all disease.

**IROQUOIS**—The quality of corn is very hard, sound and dry; and the yield is very much above the average. There is very little winter wheat grown in this county.

The winter rye made a good stand and was never in so good a condition. The dairy products of this county are excellent and exceeds the average in quantity. More attention is being paid to the raising of the various grass seeds. There has been quite an improvement in the breeds of horses, cattle and hogs, farmers finding it to their interest to breed to good stock. There has been several Norman stallions, and Short-horn bulls brought into the county within the year. Tiled lands are producing better than any other, and show a good increase over the crops produced on the same lands before the tile was introduced.

**JACKSON**—The yield of corn was 27 bushels per acre, which is considerably above the average. The acreage was about an average. The early sown wheat is injured some by the fly; that sown late is in good condition. The acreage is short of an average 20 per cent. More rye sown than usual, the condition hardly up to an average. There are more hogs and sheep in the hands of the farmer than usual, and fewer cattle than at a corresponding date last season. Years ago it was thought that clover would not grow on the prairie soil of this county, but recent experiments have proven to the contrary. Last spring sowing of clover looks very well, and will prove a success. With the prospect of growing this important crop the outlook for farming here is very encouraging to farmers whose lands have become impoverished. The tile drain has not as yet been introduced in this county. The general improvement of stock is meeting with its share of attention from the farmers. No disease among farm animals.

**JASPER**—The corn crop in this county was almost a failure in both yield per acre and the quality. Every reporter says, "Very poor, indeed," in speaking of it. The condition of winter wheat and rye is very fine where sown late; the early sown was affected some by the fly. There are fewer hogs, cattle and sheep in the hands of the farmer than for the past three years at a corresponding date—a reduction of fully 20 per cent. of an average supply. The attention of our most enterprising and thrifty farmers is turned to the drain tile as a means of reclaiming their low or wet lands. Every succeeding year more tile is laid, with very encouraging results. Farm stock of all kinds has been raised to a higher grade within the past few years. There is considerable attention being paid to the cultivation of broom corn, which has given a good, profitable yield this season. The general condition of farm animals is healthy. Hogs are somewhat troubled with cholera. There was scarcely half a crop of fruits this year.

**JEFFERSON**—There was not more than half a crop of corn either in yield per acre or quality; the general average is only twelve bushels per acre. The area of winter wheat and rye sown is about 75 per cent. of that sown last season; the fall has been very favorable and the condition is better than an average. More attention is given to grass seeds of all kinds in this county than any other in southern Illinois, and the yield has been very good. The number of marketable hogs and beef cattle in the hands of first owners is much less than usual. The tile drain has not been introduced, largely owing to the want of a tile factory in the county. Many farmers



improving their stock by the introduction of the better breeds of horses, cattle and hogs. No disease among farm animals,

**JERSEY**—The yield of corn per acre is a little above the average; as a general thing, the quality is good, with few damaged ears from blasting. Winter wheat and rye are in about the average condition; the early sown made large growth, but is more or less affected by fly; the later sown is in good condition. The supply of cattle and sheep is greater than usual, and that of hogs much less than at a corresponding date last season. The dairy interest is in a very flourishing condition, and reports indicate an increased production. The fruit crop nearly a failure. Farm animals unusually healthy. Hog cholera exists to a small extent, but is confined to a few localities. There is an increased interest in drainage and the improvement of farm animals generally throughout the county.

**JO DAVIESS**—The corn crop is about an average in yield, and better than that of the past two years; in quality excellent, and was gathered in good season. The winter wheat and rye went into winter quarters in splendid condition, with about the average acreage sown. The marketable supply of hogs and cattle on hand December 1, 1884, was larger than at a corresponding date in 1883, while the supply of sheep was somewhat less. This county has a large area of land which has become impoverished by constant cultivation. Many farmers are "seeding down" and pasturing with sheep, beef cattle and cows. Dairying is becoming more popular; Jersey and Holstein cows are being introduced; the Durhams are quite popular, and thoroughbred males of the latter breed are fast taking the place of the grades, and are becoming more appreciated every year. The apple crop was about an average, whilst the other fruits were far below. Comparatively few hogs have died of cholera in this county since our last report; other farm animals are in good condition and are healthy.

**JOHNSON**—The average yield per acre of the corn crop in this county is one of the largest in the State, whilst the quality is only fair; more rotten and chaffy corn than usual. The winter wheat sown later than usual has made but little growth, and is rather thin on the ground; hardly two-thirds of the area sown as compared with last season. There is a general falling off of all kinds of marketable live stock on hands. Not more than half a fruit crop. Very little attention is paid to the dairy. Farmers generally are paying more attention to clover than any other crop, with the view of fertilizing their lands. The improvement in the breeds of cattle and hogs is seen on every hand. No cholera reported among hogs; other farm animals are in a healthy condition. Considerable attention is paid to raising tobacco, with very fair success.

**KANE**—The yield of corn per acre is fully up to the average; the quality is excellent; the best since 1881. Winter rye has made good growth and looks very promising; acreage less than an average. The supply of fat cattle, hogs and sheep on hand is less than that on a corresponding date in 1883. The dairy interest of this county is very extensive and continues to improve and enlarge with each succeeding year; there are vast quantities of milk shipped from this county to Chicago. The improvement of the milch breeds of cattle is receiv-

ing especial attention. Hereford cattle have been very largely introduced since the report of December, 1883, for the improvement of the beef cattle; Holsteins are the favorite breed for dairy purposes. There has been a large increase in the amount of tiling done during the past fall over that of former years. The cholera has carried off a great many hogs in the west part of the county, some farmers losing their entire stock. There was a good fruit crop, especially that of apples, which was considerably over an average.

**KANKAKEE**—The yield of corn per acre was over the average; the quality was never better; no soft ears; the favorable weather afforded abundant opportunity for gathering and cribbing the crop. There is very little winter wheat grown in this county. The supply of fat cattle and sheep is greater, and that of hogs less than at a corresponding date in 1883. One noticeable feature in the improvement in farming in this county is the increased amount of fall plowing; good farmers claim that they get one-third more grain on undrained fall-plowed land than on land plowed in the spring; this, however, does not apply to lands properly drained. The improvement of all kinds of stock meets with encouragement in this county, especially the Hereford and Ayrshire cattle, and the Norman, Clydesdale and other breeds of draft horses. The farm animals generally are in a very healthy condition.

**KENDALL**—The yield of corn per acre was above the average, being 33 bushels per acre for this season's crop; the quality is excellent and was gathered in good time. Winter rye looks well; the acreage is less than that of last season. There is but very little winter wheat sown in this county. The supply of beef cattle, fat hogs and sheep is less than an average. There has been a great deal of tiling done during the past year, with such results as to greatly encourage the drainage of the wet lands by this system. There is considerable improvement in the stock of this county; the Norman, Clydesdale and Thoroughbred blood is being introduced; the Shorthorn, Hereford and Jersey cattle all have their admirers; the Berkshire and Poland China are the favorite breeds of hogs in this county. Farmers are using all the modern farm machinery, and are doing their work more thoroughly than formerly. Hog cholera has been worse in this county since our last report than ever known before, but is abating.

**KNOX**—The yield per acre of corn is above the average for this county, and the quality is good, even better than an average. There was more wheat and rye sown last fall than usual, and the general condition is fine. There are fewer fat hogs and sheep on hand than at a corresponding date in 1883. About the average number of beef cattle. The apple crop was considerably above the average. Increased attention is given to the improvement of all kinds of stock; the Norman breed of horses receive especial attention, and the Shorthorn cattle are favorites among the beef raising class of farmers. The more enterprising of farmers and land owners are investing in drain tile, which returns a large profit for the outlay. Horses are afflicted with a throat and lung disease, attended with high fever; they are taken very suddenly and many have died within a short time after they have been attacked.

**LAKE**—The corn crop, in extent of yield per acre and quality, ranks among the best in the State. Many fields of corn produced from 80 to 100 bushels per acre of good, sound corn. The little wheat sown in this county looks very well. The area is below the average. The fruit crop was generally better than that of 1883,—apples, particularly, doing well; yield double that of last year. Considerable attention is given to the dairy, the products of which are all up to last year's averages. There has been more tile laid than usual during the past fall. Several silos have been erected in the county during the past year, and recently a dairymen's association has been organized. The subject of breeding and feeding stock is receiving more attention each succeeding year. Nearly every farmer is improving his stock by the introduction of higher bred animals. Hogs are free from cholera.

**LASALLE**—The yield per acre is above an average. The corn is very dry; can be shelled, and about all husked. The cold weather in August caused a slight shrinkage in some fields. The quality generally excellent. The condition of winter wheat and rye is reported as looking well—even better than for the past ten years. The acreage is hardly an average. The yield and price of winter grain has caused many farmers to quit sowing. The number of fat hogs and beef cattle is considerably less than at a corresponding date in 1883. The low, wet lands of this county are being tiled as fast as the means of the owners will permit. Farmers are seeking to raise the grade of their milch cows by crossing with the Jersey and other milch breeds of cattle. The interest in the Norman and English Coach horse is increasing. Farm animals are free from disease.

**LAWRENCE**—The yield of corn per acre is more than an average. The quality very sound and good. Winter wheat is in very fair condition. The acreage has diminished in comparison with that of last year. There is very little rye sown in this county. The fruit crop was not more than 50 per cent. of an average. There are a great many watermelons, of a superior quality, raised in this county for shipment to Chicago, Indianapolis, and other cities of Indiana, Ohio and Illinois. There are fewer hogs and sheep in the hands of the farmer, and more cattle, than at a corresponding date in 1883. Considerable attention is paid to the dairy interest. A creamery has been established at Sumner, with fair success, and a movement is on foot to establish one at Lawrenceville. The recent rebuilding of the Wabash levee in Allison and Russell townships will add 25,000 acres of the finest soil in the county to the cultivated lands of the State. More attention is paid to drainage in this county than any other in Southern Illinois. There is a tile factory at Bridgeport, which is meeting with good success in disposing of its wares. The improvement of stock is seen on every hand, especially that of hogs and cattle. No disease of any kind among stock.

**LEE**—The quality of corn and yield per acre is about an average. Very little winter wheat is sown in this county. Winter rye has the usual acreage, and is in splendid condition, having made good growth during past warm and favorable fall. The number of fat hogs and cattle feeding for market is about the same as at a corresponding date last season. The general condition of farm animals is good, although

there is some cholera among hogs. The product of the dairy is reported above that of last year. There is great interest manifested in the improvement of all kinds of stock, and the modern methods of farming. Tile drainage is being adopted among farmers having low or wet lands, as the best system of reclaiming them for purposes of tillage.

**LIVINGSTON**—The quality of the corn crop was never better,—considerably above the average; the yield per acre better than that of 1883. The winter wheat is looking well, but the acreage is much less than usual. The same might also be said of rye. The supply of fat hogs and beef cattle in the hands of the farmer is less than that of last season at a corresponding date. It is estimated that there has been 600,000 feet of drain tile laid during the past season. The benefits of this system of drainage are fully appreciated by the farmers of this county, who lay more tile each succeeding year. The interest in the improvement of the better breeds of farm animals goes steadily on. There is some complaint of murrain and blackleg among cattle, and cholera among hogs.

**LOGAN**—There was a general falling off in the yield per acre of about 29 per cent. in the corn crop, as compared with that of last year. The heavy winds in July seriously injured the crop. The quality very good. There was not as much wheat and rye sown in this county last fall as usual. Both are looking well where not injured by the army worm or volunteer oats. The dairy product is fully up to the average. There was not more than a two-thirds fruit crop. On level land, well tiled, the yield of all kinds of grain for 1883-4 has been at least one-third more than on the high, rolling lands of the county. Farmers are giving more attention to the improvement and care of all kinds of stock, and growing less grain and more grass in all portions of the county. There are some cases of the so-called cholera among hogs.

**MACON**—There was a marked increase in the yield per acre of the corn crop; the quality was never better and was cribbed in good time and order. Winter wheat and rye are looking well; good growth and color, but of much less acreage than usual. The supply of beef cattle, fat hogs and sheep is less than for several years past. The fruit crop was hardly up to the average. Although the season was a wet one, yet on account of the extensive tile drainage in this county the corn crop suffered very little, and the increased yield in that crop alone will nearly, if not quite, pay for the outlay that farmers have made in tiling their wet or low lands; too much cannot be said of the benefits derived from systematic and general tile drainage. There is a general effort made to improve the stock of the county; a number of Clydesdale stallions have been purchased by the horse breeders of the county. No cholera among the hogs of this section.

**MACOUPIN**—The yield per acre of corn for the season was 35 bushels, which is considerably above the average; the quality good. There was not more than 50 per cent. of an average acreage of wheat sown in this county; looks well, good stand and healthy. There is a large increase in the number of fat hogs and beef cattle on hands over that of a corresponding date last year. The fruit crop was about 60 per cent. of an average. Farm animals are



generally healthy and in good condition. There is a considerable interest in tile drainage and the improvement of all kinds of stock. The farmers are fast adopting all the modern methods of farming and handling stock.

**MADISON**—The yield per acre of corn was above the average by 25 per cent.; the quality not quite up to an average, yet better than in 1883. The land for seeding winter wheat and rye was in fine condition, and the prospect is good for an average crop, with a considerably reduced area. The fruit crop, with the exception of grapes, was almost an entire failure. Well-bred cattle have been introduced, viz: the Jersey, Holstein and Short-Horn. Among horses the Norman breed is a favorite. Many farmers are changing their flocks of Cotswold sheep to grades of the different Downs, which is thought will make a harder sheep and a better fleece. Drain tile is gaining in favor, and much of it is being put down. The attention of many farmers is directed to the improvement of poultry, which does so much towards making the poultry show at Alton a marked success. Hog cholera in some portions of the county has been very bad indeed, but seems to be abating.

**MARION**—The corn crop was not more than 75 per cent. of an average, and the yield fell far short of that of 1883, owing to the ravages of the chinch-bug. There was more winter wheat sown this last fall than for years past, and the condition is fine; good growth and healthy color; the early sown was injured a little by the fly. The number of beef cattle and fat hogs for market is less than at a corresponding date in 1883. The fruit crop was nearly a failure. There is not that interest in the improvement of farm animals in this county there should be, although within the past year a number of the better breeds of hogs, such as the Jersey Red and Poland China, have been introduced. The Norman stock of horses have been brought recently into the county. Farm animals are in good condition and healthy.

**MARSHALL**—The yield per acre of corn is above the average and of a superior quality. In some portions of the county the corn was greatly injured by the corn louse where planted on old ground. There was an increased area of winter wheat sown last fall, which made excellent growth. The acreage of rye sown was considerably less than an average; the same condition as the wheat. There is a general falling off in the number of beef cattle, fat hogs and sheep for the market as compared with the number reported at a corresponding date in 1883. The drainage "boom" still goes on, but not so extensively as for the two years last past, owing to a lack of cash. There is a continuous improvement in live stock of all kinds; well-bred stock brings good prices. The fruit crop was very good, especially that of apples, which was above the average. Young hogs are troubled with cholera, many dying; no other diseases among farm animals.

**MASON**—The corn crop turned out better than any for the past three years in both the yield per acre and the quality of the corn. The winter wheat and rye is in good condition but of less acreage than last year. The army worm destroyed some fields to such an extent that they had to be resown. There is an increased interest in

the growth of sugar cane in this county. A new factory for making sorghum molasses has been erected at Havana and has given great satisfaction to both its owners and its patrons. There are eight drainage districts in the county and over a hundred miles of open ditches are under construction, which, when completed, will add 50 per cent. to the productions of the county. Tile drainage does not do well on account of the sandy soil and level ground. Much attention is given to growing clover and timothy for the seed, with good success. The improvement of stock meets with encouragement. No disease among farm animals.

**MASSAC**—The yield of corn per acre was fully 25 per cent. above the average, and the quality generally very good, although there was some complaint of damage done by the chinch bug. The winter wheat and rye looks unusually well. That sown in October covers the ground and is very healthy. The acreage is about an average. There was a very good fruit crop with the exception of peaches. There is a very marked improvement in the methods of farming in this county; more thorough preparation of the soil; greater acreage sown to clover and grass; more interest in the improvement of cattle, hogs and sheep. A few years ago it was thought that clover would not grow in this county, but recent experiments have proven that such is not the case, but that the soil is well adapted to its growth. Farm animals are in very good condition and health; no disease of any kind among them.

**MCDONOUGH**—The corn crop was considerably above the average in yield and quantity. The acreage in winter wheat and rye is about the average, and the general condition could not be better; good growth and color. The supply of beef cattle is larger and that of fat hogs less, than at a corresponding date last year. There is an encouraging increase in all the dairy products. The farmers of this county are just beginning to appreciate the importance of drain tiling their wet lands. Large quantities of tile was laid during the past fall. There is increased interest in the better breeds of cattle, horses and hogs. This county can boast of some of the finest herds of cattle in the State. The cholera has taken off large numbers of hogs, some farmers losing their entire stock. Other animals free from disease.

**MCHENRY**—The yield of corn per acre was above the average and the quality excellent; all cribbed in good time and order. The winter wheat and rye made good growth during the fine weather of the fall and went into winter quarters in splendid condition; the acreage is about the same as that of last year. Farmers are engaged generally in the dairy business; increasing the area of their pasturage, and improving the breed of their milk cows. The fruit crop was fair, that of apples especially so, being 50 per cent. above an average. Most all of the farmers having wet or low land are tiling the same, and find it a great improvement over the old system of drainage. The improvement of stock is engrossing the attention of breeders of horses, cattle and hogs. Farm animals are comparatively free from disease.

**MCLEAN**—The yield per acre is not quite up to the average, but the quality is better than usual. The area of wheat and rye



sown is considerably less than that of last season; the condition is better than an average. The late apple crop was about the average in both yield and quality. There was but a three-fourths crop of grapes, pears and other fruits; no peaches. The number of fat hogs and cattle on hand December 1, 1884, is about the average. The animals of the farm are comparatively free from disease. The interest in drain tile is on the increase, and is only limited by the means at command. The farmers of this county, in the opinion of the correspondents, are more generally engaged in the improvement of all kinds of stock than almost any county in the State. Little or no inferior stock can be found.

**MENARD**—The corn crop was better in quality than that of any season for the past three years; the yield per acre was fully 25 per cent. short of an average. The area of wheat sown is reduced about 20 per cent. below an average. The condition is better than usual; some fields have been injured by the fly and are a little thin. More rye than for several years past was sown during the fall and is looking well, good growth and color. The county has been improved by the breeding of all kinds of cattle, especially the beef breeds; the Short-Horn is the favorite, although most all of the good breeds can be found in the county. A number of Clydesdale horses have been introduced and a general improvement in horses can be seen. The hogs of the county have been greatly afflicted with cholera, large numbers dying.

**MERCER**—The corn crop was not up to the average in quality, owing largely to the ravages of what is known as the "root worm" which was very destructive to the corn planted in old fields, where corn had been planted for several years in succession; on new or sod ground corn was not damaged; condition not up to an average. The apple crop was much better than an average, while that of grapes was not more than half a crop. All the products of the dairy are reported as fully up to the average. Farmers are giving more attention to the improvement of stock of all kinds by breeding to pure bred sires. There is some pinkeye among horses; other stock unusually healthy. No cholera among hogs.

**MONROE**—The quality of the corn for this season is fully up to the average, while the yield per acre is a little above the average. Winter wheat and rye are reported less in acreage as compared with the returns of the assessors; the growth, vitality and general condition about an average. Early wheat is a little injured by the fly. There is an average supply of beef cattle and fat sheep on hand, but the supply of fat hogs is less than at a corresponding date last season. The fruit crop—grapes, apples and pears—made about a half crop; no peaches. Farmers in this county are paying more attention to the breeding of the better strains of cattle, horses and hogs, and the modern methods of farming. Cholera has killed off a great many hogs but is abating.

**MONTGOMERY**—The yield of corn per acre is not quite up to the average; in condition the present crop is considerably better than an average; ripened early and is very sound. There is a diminished acreage of wheat and rye reported; the plant has spread well, has good root, and bids

fair to stand the winter better than for years past. Each succeeding year finds our farmers more interested in the improvement of horses and cattle; draft horses, such as Norman, Clydesdale and English draft, are the most popular; both the milch and beef breeds of cattle are being greatly improved. The tile drain is proving a great success, and the flat, wet lands are fast becoming the most productive of the county. Some cholera among hogs confined in dry lots and poorly fed; the disease is not general.

**MORGAN**—The corn crop, as a whole, is sound and good; in some fields there are many ears affected by a white dry rot and are worthless. The continued open weather and seasonable showers of the fall, have been of great apparent advantage to the winter wheat and rye; both have made good growth; much less than the usual acreage sown in this county. Much attention is still being paid to tile drainage, and with encouraging results; but for this, in many localities, there would have been very light corn crops. Constant improvement in breeding Durham, Hereford and Jersey cattle, and Norman, Clydesdale and Thoroughbred horses. More cattle fed this winter in this county than usual. The uncertainty of the hog crop, on account of the ravages of cholera, has caused many farmers to cease raising hogs.

**MOULTRIE**—The quality of the corn crop is far above the average, and is as good as that of any ever produced in the county; the yield is hardly up to the average. The general condition of winter wheat and rye was never better to stand a severe winter; good growth, stooled well, and of a healthy black green color; the acreage is less than an average. There are fewer beef cattle, fat hogs and sheep ready for market than at a corresponding date last season. The improvement of all kinds of farm animals still engrosses the attention of our most enterprising and thrifty farmers. There has been some complaint of glanders among horses, but the disease has been confined to a very few cases; other farm animals free from disease, and are in good condition.

**OGLE**—The corn crop yielded well and was sound and dry; the best in six years and far above the average in every respect. Winter wheat and rye never looked better than at this time; about the usual acreage sown. The number of beef cattle, fat hogs and sheep ready for market about the same as that of last season at a corresponding date. Dairying is fast becoming one of the leading industries of this county; our farmers find that it not only pays by the sale of the products, but that by the pasturage the fertility of the soil is improved. A number of imported horses have been introduced during the past fall; "scrub" stock is rarely seen in this county, either among horses, cattle, sheep or hogs. A carp pond has been started near Baileyville, which bids fair to prove a success. There has been no hog cholera in this county worthy of mention during the year.

**PEORIA**—The quality of corn is much better than that of last year, although there is some complaint of dry rot; the yield per acre is not up to the average. During the fine growing weather of the past fall, wheat and rye have made a healthy and vigorous growth; about the average acreage of wheat and less than the average acreage of rye sown this fall. The farmers of this

county feel the need of improving their lands; a large number have sown clover and are pasturing cattle more extensively than ever before for the purpose of fertilization. Those who have tried tile drainage cannot speak too highly of the results, and are making arrangements to increase the "plant" during the coming spring. The apple and grape crop was considerably above the average; other fruits almost an entire failure. Farm animals unusually healthy.

**PERRY**—The corn crop is hardly up to the average in either quality or yield per acre. Wheat and rye are about an average in condition, but fall short in the acreage as compared with last season; most of the wheat was sown late, but got a good growth. The number of marketable cattle, hogs and sheep is not as large as that of last season. About three-fourths of a grape, one-third of apple, and an average peach crop is reported. The more enterprising of our farmers are improving their stock by the introduction of pure bred animals; a number of Jersey cattle have lately been brought into the county. Farm animals are in good, healthy condition.

**PIATT**—The yield of corn per acre is up to the average and the quality is excellent, and all cribbed in good order. Wheat and rye are up to an average in condition, and there was about the same acreage sown as last season. There are fewer hogs and cattle and more sheep on hand ready for market than at a corresponding date last season. There was a good crop of grapes, apples and small fruits. Farm animals are healthy and in good seasonable condition. There is much interest manifested in drainage and the general improvement of stock; all the better breeds of horses, cattle, sheep and hogs can be found in this county.

**PIKE**—The corn crop is much larger than has been known for years, and the quality is superior to that of any raised in the past six years. There was less wheat and rye sown than usual; the condition is good where sown late, but there is some complaint of the fly in the early sowing. There is a general reduction in the number of marketable beef cattle, fat hogs and sheep, from that of last season. The crop of grapes, apples and peaches was very good. Farm animals are in a good, healthy condition (with the exception of hogs in some portions of the county). There is an increased interest in tile draining, and the general improvement of stock.

**POPE**—The quality of the corn crop is sound and good, but there is a larger proportion of short ears or "nubbins" than usual; the yield per acre is larger by 25 per cent. than that of last season. Winter wheat is not looking well, and the area is short of an average. The number of fat hogs and beef cattle is about 75 per cent. of the number on hand at this date in 1883. There was about half a crop of apples; no peaches, grapes or other fruit worthy of mention. Farm animals are generally healthy with the exception of hogs, which are more or less affected by cholera. Very little attention is paid to the improvement of stock.

**PULASKI**—The corn crop was cribbed in good order, and was about the average in both yield per acre and quality. The acreage of winter wheat has been reduced about one-fourth. Farmers are taking more care in preparing the ground, and

the growth of wheat indicates that they will be well paid for their labor; at this time the growth is all that could be desired. There has been quite an effort made during the past year to improve farm stock generally, especially sheep; the Cotswold is the favorite; several fine flocks of this breed have been brought into the county during the past fall. Some little attention is being paid to under-drainage; the first tile was laid during the fall. No disease among farm animals.

**PUTNAM**—The corn crop exceeds that of any for years, in both yield per acre and quality. The favorable fall weather afforded ample opportunity for gathering and cribbing. There is a reduced acreage of wheat, and about the average of rye; both in good condition. There was a much larger crop of apples than an average; some grapes and pears; no peaches. The number of beef cattle and fat hogs is less than that of last season. Much attention is paid to tile drainage and the improvement of farm stock generally. There is some cholera among hogs; other animals are in good condition and free from disease.

**RANDOLPH**—There is some very light and chaffy corn, but the quality generally is better than an average; the yield per acre is not up to an average. The weather has been fine for the growing crop of wheat and rye; both have made extraordinary growth; some complaint of fly in that sown the last of September. The fruit crop was almost an entire failure. The number of fat hogs, cattle and sheep is as large as last season at a corresponding date. Considerable attention is paid to the breeding of Jersey cattle and Clydesdale horses; some high priced animals have recently been brought into the county; farm animals are in good condition; no disease worthy of mention among them.

**RICHLAND**—There was but little over half a crop of corn in this county, owing to the drouth during July and August, and the quality is below the average. Wheat sown early in October was injured somewhat by the fly; the late wheat is in good condition; the acreage is less than that of 1883. There was a short crop of grapes, apples and peaches. The number of hogs ready for market is above the average while that of beef cattle show quite a reduction. Tile drainage is quite popular, and a number of the more enterprising farmers are making extensive preparations for draining their wet lands by this system. The introduction of Clydesdale horses and Jersey cattle is doing much to improve the stock in this section. No disease among farm animals.

**ROCK ISLAND**—The quality of the corn is excellent; sound and dry, but the yield per acre is not up to the average. Wheat and rye are up to the average in condition; the acreage is much less than usual. The number of marketable cattle and hogs is considerably less than at a corresponding date in 1883. The dairy meets with its full share of attention in this county, and all the products are reported at a full average. More attention is paid each succeeding year to the breeding of all stock and all the modern methods of farming. Tile drainage is growing in favor and would be more extensively used if farmers had the means to purchase tile and lay it. No disease of any kind among farm animals.



**SALINE**—The corn crop is up to the average in quality and the yield per acre is a little less than an average. Wheat is looking well, but the acreage is reduced fully 25 per cent.; some complaint of the Hessian fly injuring the early sown. There was not more than a half crop of apples; no other fruit. Farm animals are in good condition and healthy. Very little attention is paid to the improvement of stock and but little can be said of the enterprise of the farmers of this county in this respect.

**SANGAMON**—The quality of the corn is good; unusually dry, well matured and cribbed in fine order; the yield is not up to an average. There is about the usual number of acres sown of winter wheat and it is in splendid condition generally; in some neighborhoods the early wheat was injured by the Hessian fly, but not seriously. There is a reduction in the number of fat cattle, hogs and sheep from that of a corresponding date of last year. The fruit crop was only fair. Tile drainage has proven a great success throughout this county and more tile is laid each succeeding year. The interest in Thoroughbred, Clydesdale and Norman horses; and Shorthorn, Hereford and Jersey cattle is on the increase. Some of the best herds in the State, of the latter, can be found in this county. Farm animals are remarkably free from disease.

**SCHUYLER**—The corn crop is better than an average in yield per acre, and considerably above in quality. The crop generally is better than any since 1881. Wheat and rye made a healthy vigorous growth and not damaged by insects; the acreage is not up to that of 1883. The number of beef cattle, fat hogs and sheep is not so large as last season at a corresponding date. The products of the dairy are all reported up to an average. The apple crop was the best in several years. Sowing clover as a fertilizing agent is becoming quite general; farms that were considered almost worthless, have been made very productive by this method. More tile draining has been done during 1884, than in any previous year. Six furnaces are burning tile in this county, and most of the product is used by our farmers. The improvement of stock is meeting with its share of attention. Farm animals generally healthy and in good condition.

**SCOT**—The yield per acre of corn is quite up to an average, but in quality the present crop is better than that of last season. There was some complaint of the Hessian fly in the early sown wheat, but the injury was not of a serious nature; the growing crop stood well, made good root, and is in fine condition; the acreage is reduced about 25 per cent. Very little winter rye sown in this county. The number of beef cattle, fat hogs and sheep is not so large as that of last season at a corresponding date. The dairy products of this county are all reported up to the average. Farmers are sowing clover seed on their wheat fields in the spring, which is allowed to grow until fall, then is plowed under for the purpose of fertilization. Cholera has been very severe in some portions of the county, large numbers of hogs dying.

**SHELBY**—The quality of the corn was never better in the history of the county, and the yield is about an average. The acreage of the growing crop of wheat and rye is much less than an average; the condition is very promising and is reported

above the average. The number of marketable cattle, hogs and sheep on hand December 1, 1881, is less than that of the previous year at a corresponding date. The fruit crop was almost a failure; hardly worth reporting. There is particular attention being given to the breeding of Poland China hogs, which seem to give great satisfaction. Tile drainage is no longer an experiment; wherever tried it has proven a great success, and the increased yield will generally pay for the outlay in two years; there will be a large amount of tile laid in the spring. There was some cholera among hogs early in the winter, but it is rapidly abating.

**STARK**—The yield per acre of corn and the quality, is above the average; nearly all the corn will be fed within the county. The growing winter wheat and rye is above the average in both condition and acreage. There are more cattle, hogs and sheep feeding in the county than for years past. Farmers are using oil cake for all kinds of stock. There was an unusually good crop of apples and grapes. The improvement of stock is receiving much attention; about all the better breeds of cattle and hogs can be found in this county. More tile drainage has been done during the past season than for any previous year, the results of which are proving very satisfactory to all who have tried this system of drainage. The condition of farm animals is good; no disease of any kind among them.

**ST. CLAIR**—The quality of corn is not as good as an average; some soft and inferior ears, but the yield per acre is much better than an average. Wheat growing is materially on the decline in this county; farmers are beginning to appreciate the fact that their land is "wheat sick," and are sowing clover as a remedy for the trouble; the condition of the growing crop is about an average. The number of hogs feeding in the county is larger than that of last season, whilst the number of fat sheep and cattle is greatly reduced. Farm animals are generally healthy and in good condition; some complaint of cholera among hogs, but the disease is in a very light form. There is an increase in the attention paid to the improvement of stock of all kinds.

**STEPHENSON**—The yield of corn per acre is fully 25 per cent. better than an average, and the quality has seldom been so good. There is a reduced acreage of wheat and rye; both crops are looking well having made good growth and root. There is quite a falling off in the number of cattle, hogs and sheep ready for market, as compared with the number on hand December 1, 1883; farmers are turning their attention to raising blooded stock of all kinds; Percheron and Clydesdale horses, Shorthorn and Jersey cattle, and Poland China hogs are the favorite breeds. Great improvement has been made by tiling wet land, with very encouraging results. Tobacco is being extensively cultivated in some portions of this county with good results; affording the farmer a profitable return for his labor. Farm animals are comparatively free from disease.

**TAZEWELL**—The quality of corn is excellent; there are many small but sound ears; the yield per acre is about the average. Some fields of winter wheat where sown early were so injured by the army worm and fly that they were plowed under and resown; the warm-growing weather



continued late and made the wheat generally look very promising. The same might be said of rye; the acreage of both crops is less than an average. There are fewer beef cattle and fat hogs ready for market than at same time last season. A very fair crop of grapes, apples and pears; no peaches. The importance of raising the best breeds of cattle, horses, hogs and sheep is being appreciated by the farmers of this county, who are paying increased attention to the improvement of stock of all kinds. A large portion of the wet lands of the county has been drained which produces good crops of corn and wheat: an incentive to continue this system of drainage.

**UNION**—The yield per acre of corn is fully 40 per cent. larger than the crop of 1883, and the quality is very good, well ripened, dry and cribbed in fine order. The acreage of winter wheat is less than an average; the condition is good, although somewhat backward on account of the dry weather during October and November. Too little attention is paid to drainage in this county. There are large tracts of wet land that might be reclaimed from its present almost worthless condition at a very small expense. Increased attention is being paid to the improved breeds of cattle, sheep and hogs. A number of farmers are preparing their farms for more stock and less grain. Farm animals are comparatively free from disease. At the present prices for wheat, clover seed is much more remunerative to the farmer. There is decided increase in the interest in the breeds of milch cows; the Holstein are the favorite.

**VERMILION**—The present corn crop is the best in both quality and yield per acre of any for the past eight years. The acreage of wheat sown during the past fall is less than an average, whilst the condition is about an average. The acreage of rye is fully 40 per cent. less than an average; condition good. There are fewer hogs and more cattle and sheep feeding in this county than at a corresponding date in 1883. There was a fair crop of grapes and apples. The drainage has proven a great success, and more tile is being laid each succeeding year. The Hereford, Shorthorn and Jersey cattle all have their admirers in this county; the general improvement of the breeding of all kinds of stock is appreciated by the farmer, and is receiving the proper attention. No disease among farm animals reported.

**WABASH**—The corn grown on bottom lands is sound and good; on uplands very light and of an inferior quality. The yield per acre is up to the average. Early sown wheat was badly injured by the fly; the late made very good stand and is looking well. Acreage considerably reduced from that of last season. Very little rye raised in this county. There are fewer marketable hogs, cattle and sheep than for several years past. A fair crop of grapes, and about a half crop of apples. No other fruits worth mentioning. Farmers are inclined to pay more attention to the improvement of stock of all kinds. Tile drainage is becoming pretty well understood and farmers are making fair progress in this direction. Hogs have been greatly afflicted with cholera; many dying. The disease, however, is abating. Other animals in good condition and are very healthy.

**WARREN**—The present corn crop is of a better quality than any crop for several years past. The yield per acre is fully up to the average. Wheat is in fine condition for winter, having made an excellent growth during past month. The area is 20 per cent. less than an average. More hogs, cattle and sheep are being fed for market than usual. There was about half a crop of grapes and three-fourths of a crop of apples and peaches. Farmers are turning their attention more to the cultivation of grass and oats, owing to the ravages of the root worm in the corn. A number of Short-horn bulls have been introduced during the fall. The draft-horse is receiving more attention than any other class of horses. Clydes, Normans and English Draft can all be found in this county. Farmers are tiling their wet lands as rapidly as their means will permit. Farm animals healthy. Some cholera among hogs.

**WASHINGTON**—There is not more than a half crop of corn, but the quality is fair. Owing to the failure of the corn crop fewer hogs are being fed than usual. The acreage of wheat is less than an average. The condition is good. Very little rye sown in this county; hardly worthy of mention. The dairy products are all reported up to an average. Considerable attention is paid to raising clover and timothy seeds. There was about a half crop of grapes and apples. All kinds of farm stock healthy and in fine condition. Farmers are investing in improved stock of all kinds. There was some tiling done during the past fall; not as much as was expected, owing to the low prices of all kinds of farm products. Farm animals generally healthy.

**WAYNE**—The corn crop is but little better than a failure, in both yield and quality. The acreage of winter wheat and rye is greatly reduced from that of last season. The condition is not as good as an average. There are fewer hogs and cattle and more sheep in the hands of the farmer than at a corresponding period of last season. The fruit crop was hardly worthy of mention. The interest manifested in the breeding of Short Horn cattle is on the increase, and several new herds have been started in the county. The tile drain is proving a great success, and preparations are being made to lay a large amount during the coming season. No cholera reported among hogs. Farm animals generally healthy.

**WHITE**—The quality of the corn is only medium, owing to the effects of the storm in August; the yield is fully up to an average. The acreage and general condition of winter wheat and rye is not as good as an average; some complaint of the Hessian fly in the early sown. The number of cattle, hogs and sheep ready for market is considerably less than that of the previous December. An average crop of grapes, but not more than a half crop of apples or other fruits. Farmers are paying more attention to the rotation of crops, drainage of their wet lands, and improvement of all kinds of farm stock, each succeeding year. Farm animals are in good condition. No cholera among hogs.

**WHITESIDE**—The yield per acre of corn is better than an average; no small, soft or blighted ears. No winter wheat sown in this county worthy of mention. Rye looks well, and has about the usual acreage.

More hogs and fewer cattle and sheep feeding this winter than at a corresponding date last season. A few cases of pleuropneumonia among cattle, and the cholera is killing off a large number of hogs. The dairy products are all reported at an average. The fruit crop nearly a failure; a few grapes and apples in some localities. Tiling has greatly enhanced the value of wet lands, which are now proving to be the most productive of any in the county.

**WILL.**—The quality of the present corn crop is not as good as an average, but the yield per acre is fully up to an average. The acreage of winter wheat and rye is short of that of last season; the condition of the growing crop is better than usual. The number of cattle, hogs and sheep feeding in this county is less than has been for years. This county is one of the most advanced in the State in the improvement of stock of all kinds, and the modern methods of the cultivation of the soil. The tile has been used in this county for years past, and has fully demonstrated the necessity of draining the low or wet lands by this system. Oats and corn are the principal crops, and nearly all raised here are fed within the county.

**WILLIAMSON.**—The yield per acre is considerably above the average; the early corn matured nicely, but the late is light and chaffy; general condition below an average. There is a material falling off in the number of acres of wheat sown this fall; mostly sown late to avoid the Hessian fly, and looks well; that sown early was greatly damaged by fly. About the usual number of cattle, hogs and sheep being fed for market. The fruit crop generally a failure. Some attention is paid to raising

grass seeds with good success. Tobacco is raised in some portions of the county with a fair return. The increased attention given to stock raising has caused many farmers to give up their wheat crop and sow their lands in timothy and clover, for hay and pasturage. Farm animals are in good condition and free from disease.

**WINNEBAGO.**—The corn is fully up to an average in yield per acre and above in quality; the best crop since 1880. There was about the usual area sown in winter wheat and rye, and both crops are in fine growing condition and have been free from insects. There was an average crop of apples and a few grapes; other fruit a failure. Not so many cattle, hogs and sheep feeding for market as usual; more attention is paid to the dairy and care of milch cows each succeeding year, which has proven a source of great profit to those engaged in it. Animals of all kinds free from disease and in good condition.

**WOODFORD.**—The quality of corn is very good and the yield per acre is fully 25 per cent, more than an average. The acreage of winter wheat and rye is much less than an average; the condition of both crops is better than usual. About the same number of cattle and sheep being fed as last season; some complaint of distemper among horses; cattle and sheep in good condition and healthy; farmers are becoming more interested in the breeding of the better breeds of farm animals; Norman horses and Shorthorn cattle are the favorite breeds, although some Hereford and Jersey cattle have been purchased and brought into the county during past fall. Cholera has killed off a great many hogs; other animals free from disease.



## METEOROLOGICAL REMARKS FOR AUGUST.

**ALEXANDER COUNTY**—S. C. EMERY, Sergeant Signal Corps U. S. A. The highest barometer during the month was 30.263, on the 9th; the lowest 29.785, on the 29th; mean for the month, 30.075. Highest thermometer 90°, on the 28th and 29th; mean, 75°.30. Greatest daily range of temperature, 22°.40 on the 21st; least daily range, 7°.30. Relative humidity of the month, 73.9. Rain fell on four days, the precipitation being 2.74 inches. There were 20 clear, 10 fair and 1 cloudy day during the month. The prevailing direction of the wind was north, and its total movement 4,112 miles. Highest velocity of the wind was 5.

**BOND COUNTY**—JOHN B. WHITE, Observer, Greenville. Highest temperature, 96°; lowest, 61°. Rainfall of the month, 4.16 inches. Of 93 observations of the wind, it was north 13 times, northeast 3, east 3, southeast 18, south 11, southwest 13, west 23, and northwest 9 times.

**CHRISTIAN COUNTY**—J. K. EBERLE, Observer, Pana. Highest temperature during the month, 92°; lowest, 54°; mean, 73°. Prevailing wind, west; maximum force, 6.50. Rain fell on 5 days, the precipitation being 1.25 inches. Thunder-storms August 20, 25, 27 and 29. About 7:30 P. M. on the 28th a large meteor passed from west to east in the northern sky, the sky being clear.

**COLESCOUNTY**—WM. DOZIER, Observer, Mattoon. Highest temperature during the month, 93°; lowest, 50°; the mean temperature of the month, 72°; was 4° below the August mean of the past 5 years. Rain fell on 7 days, the precipitation, 2.20 inches, being 0.63½ inches below the mean of 5 Augusts past. Thunder-storms August 3, 20 and 28.

**COOK COUNTY**—T. B. JENNINGS, Sergeant Signal Corps, U. S. A., Chicago. Highest barometer 30.343, on the 9th; lowest 29.663, on the 29th. Highest thermometer 91°.20 on the 19th; lowest 51°.10, on the 10th. The greatest daily range of temperature was 19°.40, on the 11th, and the least daily range 4°.60, on the 8th. The mean temperature for the month, 68°.80, is less than that of any August since 1872, with the exception of 1875 and 1883. Rain fell on 9 days, the total precipitation being 2.50 inches. This is less than the mean precipitation for the past 13 years, which is 2.70 inches. The prevailing direction of the wind was south; its maximum force was 4. Total movement of the wind during the month was 4,996 miles. Solar halo on the 27th.

**CRAWFORD COUNTY**—J. E. TEMPLETON, Observer, Palestine. Thunderstorms on the 3d and 22d. Diffuse and zig-zag lightning

on the evening of the 20th, and diffuse lightning in the south from 7 to 10 P. M., on the 25th. The highest temperature during the month was 95°; the lowest 58°; mean, 73°.13. The prevailing wind was west. Maximum force of the wind during the month was 3.

**DEKALB COUNTY**—ROSSELL DOW, Observer, Sycamore. Thunder-storms Aug. 3, 6, 18 and 20. Rain fell on 5 other days. Precipitation for the month 3.43 inches. There were 17 clear, 5 fair and 8 cloudy days. Highest temperature during the month was 86°.60 on the 19th; the lowest, 51° on the 10th; mean, 65°.54. The highest daily mean was 76°.90 on the 19; the lowest daily mean, 54°.55 on the 8th. At sunrise on the 9th the thermometer stood at 41°. The prevailing wind was southwest. It was north 6 times, northeast 9, east 12, southeast 12, south 13, southwest 14, west 5, northwest 12 and calm 6 times. Its maximum force was 3.

**HAMILTON COUNTY**—WM. P. GIBBS, Observer, McLeansboro. Highest temperature during the month, 94°; lowest, 52°; mean, 72°.32. The prevailing wind of the month was southwest; its maximum velocity 5. Rain fell on 8 days, the precipitation being 2.70 inches. Thunder-storms, August 3, 7, 20, 21, 22, 25, 27, 28 and 29. Hail on the 29th. The month of August has been exceedingly dry in this immediate vicinity, but rains have been more plentiful a few miles around. There has been a good deal of light thunder during the month, and some hail. On the 19th occurred the heaviest wind of the year, from the northwest. Nearly every clear evening the western horizon was bright. The wind was north 1 time, northeast 6, east 3, southeast 4, south 2, southwest 12, west 11 and northwest 7 times. We had 2 cloudy, 8 clear and 21 fair days.

**KANE COUNTY**—M. M. ROBBINS, Observer, Aurora. Highest barometer during month, 30.300; lowest, 29.500; mean, 29.990. Highest thermometer 95°; lowest 41°; mean 70°.66. Rainfall during the month was 2.48 inches. Storm early in the morning of the 3d accompanied with much thunder and lightning. Very heavy rain during the night of the 27th, with severe thunder and lightning. Slight frosts on the 8th, 9th and 10th. No harm done. Moderate fog on the mornings of Aug. 12, 13 and 14. Lunar halo on the 2d. Prevailing wind from the southwest, maximum force 3.

**LEE COUNTY**—MATTHIAS SCHICK, Observer, Prairieville. Highest barometer 30.280; lowest, 29.640; mean, 29.950; highest daily mean, 30.241 on the 8th and 9th; the lowest 29.662 on the 29th. Highest temperature during the month, 90°; lowest 52°; mean 71°.40; highest daily mean, 81° on the 16th; lowest, 60° on the 7th and 8th. Mean



humidity for the month, 73.2 per cent. Rain fell on 9 days amounting to 4.06 inches. On the 28th it was entirely calm and cloudy all day. Thunder-storms on the 2d and 3d. Solar halos August 4, 5, 6, 7, 26, 29, 30. Lunar halo on the 2d. Greatest velocity of the wind was 14 miles per hour. Total movement of the wind during the month 2,956 miles. Of 93 observations of the wind it was south 26 times, southwest 6, west 6, northwest 4, north 6, northeast 4, east 11 and calm 30 times.

**LOGAN COUNTY**—R. W. BURT, Observer Atlanta. Highest temperature during the month, 94° on the 19th; lowest, 44° on the 9th; mean for the month, 69° 33'. Rain fell on 6 days, the precipitation being 2.50 inches, which 0.10 inches above that of August 1883. Thunder-storms August 3, 6, 20 and 27. The month was cool and dry, especially cool from 3d to 10th. Frosts on the 8th and 9th, but no damage done. Prevailing wind for the month was west.

**McHENRY COUNTY**—Jno. W. JAMES, Observer, Marengo. The highest temperature of the month was 88° 80, on the 19th; the lowest, 47°, on the 8th. The mean temperature, 65° 80, was 2° 59 below the mean of 23 Augusts past; only Augusts, 1866, 1868 and 1875 were cooler. The mean temperature of the summer of 1884, 66° 40, was 2° 30 below the mean of the past 23 summers. The summers of 1875 and 1882 alone were cooler. Rain fell on 11 days during the month, the total precipitation being 3.36 inches, which was 0.03 inches less than the mean of the past 23 Augusts. On the 28th was the heaviest rain-storm since April 15. Thunder-storms on the 2d and 3d. Solar halos on the 24th and 25th. Winds for the month were north 4 times, northeast 16, east 8, southeast 3, south 8, southwest 27, west 8, and northwest 14 times. The weather was clear on 14 days, fair on 14, and cloudy on 3 days.

**MACOUPIN COUNTY**—F. C. ZIMMERMAN, Observer, Bunker Hill. Highest barometer, 30.300, on the 9th; lowest, 29.760, on the 26th; highest daily mean, 30.281, on the 9 h, and lowest daily mean, 29.823, on the 29th. Highest thermometer, 96°, on the 19th; lowest, 45°, on the 10th; highest daily mean, 80° 70, on the 19th; lowest daily mean, 61°, on the 9th. Greatest daily range of temperature, 38°, on the 12th and 17th, and least daily range, 18°, on the 25th. The prevailing wind of the month was south; its maximum force, 6, on the 29th. Rain fell on 6 days, the precipitation being 2.56 inches. Thunder-storms August 20, 25, 27, 28 and 29.

**MADISON COUNTY**—J. L. R. WADSWORTH, Observer, Collinsville. The highest thermometer during the month was 94°, on the 20th; the lowest, 48°, on the 10th. The mean temperature, 72° 32, was the same as August, 1875, the lowest in 47 years. The month has been marked by the absence of rainfall. It rained on only 4 days, and the precipitation was but 1.82 inches, 2.23 inches less than an average; a drought commencing July 29, ended on August 19, 22 days. Thunder-storms on the 20th and 21st.

**MARION COUNTY**—J. L. HALLAM, Observer, Centralia. Highest temperature during the month, 97°; lowest, 52°; mean, 78°. Rain fell on only 3 days, the precipitation being 3.20 inches. Thunder-storms on the 28th and 29th. The prevailing winds were northeast and southeast, and the maximum force 4. On the 29th there was a slight rain, accompanied by a high wind

from the northwest; it soon developed into a severe storm, traveling at the rate of about 80 miles per hour. It passed through Wayne county and the upper portion of White, striking Grayville at half-past seven A. M. For a short time the roar of the wind, the terrific thunder and vivid lightning indicated a terrible storm. Little damage was done except to one dwelling, which was struck by lightning and badly damaged.

**MENARD COUNTY**—JAS. D. WHITLEY, Observer, Petersburg. Highest barometer during the month, 30.560; lowest, 29.910; mean, 30.235. Highest thermometer, 90°; lowest, 52°; mean, 71°. Rain fell on only 4 days during the month, the total precipitation being but 1.95 inches. The prevailing wind during the month was northwest, and the maximum velocity 3.

**OGLE COUNTY**—A. B. SWENEY, Observer, Polo. The highest temperature of the month was 89°; the lowest, 46°. The highest daily mean was 76° 75, and the lowest 57°. There were 9 cloudy, 9 fair and 13 clear days during the month. Rain fell on 9 days, the total precipitation being 2.81 inches. Solar halo on the 27th. The wind was east at 1 observation, southeast at 10, south at 1, southwest at 37, west at 16, and northwest at 28 observations.

**PEORIA COUNTY**—FRED BRENDSEL, Observer, Peoria. Rain fell on August 3, 4, 6, 20, 25 and 27, the precipitation being 4.13 inches. Thunder-storm on the 3d. The highest barometer for the month was 29.954; lowest, 29.392; mean, 29.648. Highest thermometer, 97°; lowest, 50°; mean, 74° 30. The mean humidity for the month was 66.6. Prevailing wind, south. Maximum velocity of the wind, 4.

**PERRY COUNTY**—J. C. ELLIOTT, Observer, Swanwick. Highest temperature during the month, 93°, on the 20th; lowest, 55°, on the 11th. Highest daily mean temperature, 79° 80, on the 20th; lowest daily mean, 62° 70, on the 10th. The monthly mean, 73°, is 2° 40 below the mean for August for the last 3 years. Rain fell on 5 days, but the precipitation was only 0.95 inches—1.28 inches below the average for the last 3 years. The prevailing wind was south; the maximum force 4. The wind was south at 29 observations, northeast and northwest at 12 each, east 10, southwest 8, southeast 7, west 5, north 4 and calm twice. Solar halos on the 23d and 24th.

**PIKE COUNTY**—A. MONROE, Observer, Griggsville. Highest barometer during month, 30.450; lowest, 29.780; mean, 30.070; Highest temperature, 92°; lowest, 46°; mean, 70°. Rain fell on 8 days, the total precipitation being 3.89 inches. Thunder-storms August 2, 20, 27, 28, 29. A slight trace of frost was seen on the morning of the 9th, but no damage was done to vegetation. The maximum force of the wind was 4. Of the 93 observations of the wind, it was northwest 25 times, southwest 20, southeast 16, northeast 13, south 12, east 4, west 2 and north 1 time.

**POPE COUNTY**—J. E. Y. HANNA, Observer, Golconda. The highest temperature of the month was 92°; the lowest, 62°; mean, 75° 11. Rain fell on four days, but the precipitation was only 0.49 inches. Thunder-storm on the 25th. Prevailing winds were northeast and northwest. The maximum force of the wind was 4. There was a heavy

gale on the 29th, from northwest. No damage was done here. Smoky or hazy atmosphere August 8, 15, 16 and 23.

**ROCK ISLAND COUNTY**—D. W. FLAGLER, Observer, Rock Island. Highest temperature during the month 92°, on the 15th; lowest 47°, on the 7th; mean temperature, 71°.45. Rain fell on seven days, the total precipitation being 4.27 inches.

**SANGAMON COUNTY**—W. NORRINGTON, Sergeant, Signal Corps U. S. A., Springfield. The highest barometer during the month was 30.328, on the 9th; the lowest, 29.738; mean, 30.042. Highest temperature, 91°.10, on the 19th and 20th, and lowest, 48°.90, on the 9th. The mean temperature for the month, 71°.70, was 2°.53 less than the August mean for the past 6 years. Rain fell on 8 days, the precipitation being 1.54 inches, which is less than that of any August since 1879, except 1883, when it was only 0.95 inches. The prevailing direction of the wind was south, and the maximum force 4. The total movement of the wind during the month was 5,032 miles. There were 13 clear, 17 fair and 1 cloudy day during the month. Solar halo on the 24th, and lunar halos on the 3d and 31st.

**ST. CLAIR COUNTY**—G. LEIBROCK, Observer, Mascoutah. Thunder-storms August 2, 18, 20, 21, 24, 25, 26, 27, 28 and 29. Rain

fell on 7 days, but the precipitation was only 1.60 inches. The highest temperature during the month was 94°; the lowest 52°, and the mean 73°.

**UNION COUNTY**—JOHN D. NEWBIGIN, Observer, Anna. Highest barometer during the month, 30.300; lowest, 29.830; mean, 30.100. The highest temperature was 92°, the lowest 55°, and the mean 75°.22. The mean temperature is 1°.85 less than the August average for the past 9 years, and the precipitation, 2.65 inches, is 2.01 inches less than the average rainfall for the same time. August, 1881, was the the hottest, 85°.53, and the driest, there being only 0.38 of an inch of rain. August, 1875, was the coldest, 69°.10, and August, 1879, the wettest, when 12.51 inches of rain fell. Thunder-storms August 14, 21, 22, 25 and 27. From 8 to 9 P. M. on the 10th several meteors were observed, falling from north to south. The prevailing wind was southwest, and the maximum force of the wind 3.

**WARREN COUNTY**—SMITH & DUNBAR, Observers, Monmouth. Highest barometer during month, 29.800; lowest, 29.190; mean, 29.520. Highest temperature, 89°; lowest, 43°; mean, 73°. Rain fell on 11 days, the precipitation being 3.01 inches. Heavy thunder and lightning on the 2d and 28th. A little hail fell during the storm on the 2d. Maximum force of the wind during the month was 6.

## METEOROLOGICAL REMARKS FOR SEPTEMBER.

**ALEXANDER COUNTY**.—S. C. EMERY, Sergeant Signal Corps, U. S. A., Cairo. Highest barometer 30.275 on the 20th; lowest 29.827 on the 23d; mean 30.084. Highest temperature, 91° on the 8th; lowest, 57°.40 on the 18th. The mean temperature of the month 74°.10, is 4°.32 above the average of the past 14 Septembers. The relative humidity of the month was 77.20. The prevailing direction of the wind was south, and its total movement 4,363 miles. Greatest velocity of the wind during the month was 4. Rain fell on 8 days, the precipitation being 5.02 inches, 2.38 more than the September average for 14 years past. There were 17 clear, 8 fair and 5 cloudy days during the month. A lunar halo was seen on the 28th.

**BOND COUNTY**.—JNO. B. WHITE, Observer, Greenville. Highest temperature of the month, 96°; lowest, 56°; mean, 75°.10. The prevailing wind in September was south-east. Rain fell on 8 days, the total precipitation being 6.14 inches. Thunder-storms September 9, 17, 21, 28 and 30. Hail fell on the 18th doing much damage four miles south of Greenville.

**CHRISTIAN COUNTY**.—J. K. EBERLE, Observer, Pana. Highest temperature 92°; lowest 56°; mean 74°. The prevailing wind of the month was southeast. Winds followed by rain, south and southeast; winds followed by clear or fair weather, south, southeast, northeast and northwest. Rain fell on 8 days, the precipitation being 7.25 inches. Thunder-storms, September 7, 10, 15, 16, 21, 22 and 30. That on the 22d was quite severe. It came up from the west at 6:23 P. M., and divided, one part going north and one south of us. The northern storm was a continual flash of diffuse lightning and rolling thunder. The one on the south was accompanied with rapid peals of thunder and broad chain lightning. It struck two hay ricks and destroyed them. This storm lasted until 3 A. M. Rain fell to the depth of 2.75 inches. There was a little hail during this storm, and some quite large hail stones fell during the storm of the 21st. At sunset on the 8th there were red streaks observed in the western horizon, looking like the four prongs of a star. They looked to be a mile or more long. The 8th, 9th and 10th were the hottest three days in the year, the thermometer registering 94° at 1 P. M.

**COLES COUNTY**.—WM. DOZIER, Observer, Mattoon. Highest thermometer during September, 99°; lowest, 54°. The mean temperature, 73°, is the highest September mean for five years. The prevailing wind of the month was south. Rain fell on 10 days. The precipitation, 4.70 inches, is

the greatest September precipitation for five years. The first part of the month was extremely dry, but the latter part was unusually wet. Thunder-storms September 1, 9, 22, 26 and 30.

**COOK COUNTY**.—T. B. JENNINGS, Sergeant Signal Corps, U. S. A., Chicago. Highest barometer, 30.402, on the 13th; lowest, 29.500, on the 24th; mean, 29.997. Highest temperature, 88°.70 on the 9th; lowest, 50°.60, on the 21st. The mean temperature of the month, 63°.90, is the highest mean since 1872, with the exception of 1881, when it was 69°.50. Rain fell on 9 days. The precipitation, 2.29 inches, is 0.65 inches less than the average of the past 13 Septembers. Relative humidity of the month, 68.60. Prevailing wind, south; maximum force, 4. Total movement of the wind during the month, 5,800 miles. There were 15 clear, 9 fair and 6 cloudy days. Lunar halo on the 30th.

**CRAWFORD COUNTY**.—J. E. TEMPLETON, Observer, Palestine. Highest temperature during the month, 95°; lowest, 54°; mean, 67°.25. Rain fell on 10 days, the precipitation being 5.29 inches. Thunder-storms on the 27th and 30th. Diffuse lightning was observed on the 10th and 23d, and heat lightning on the 15th and 21st. The prevailing wind of the month was south, and its maximum force 4. A lunar halo was seen on the 28th, at 9 P. M.

**DEKALB COUNTY**.—ROSWELL DOW, Observer, Sycamore. Highest temperature during the month, 87°.80, on the 10th; lowest, 45°, on the 20th; mean, 64°.85. Rain fell on 10 days, the precipitation being 3.46 inches. Thunder-storms September 10, 22, 23 and 30. Faint aurora on 17th. There were 17 clear, 3 fair and 10 cloudy days during the month. The wind was north 1 time, north-east 10, east 12, south-east 16, south 26, south-west 6, west 9, north-west 3, and calm 4 times. Maximum force of the wind in September, 3.

**HAMILTON COUNTY**.—WM. P. GIBBS, Observer, McLeansboro. Highest temperature, 98°; lowest, 48°; mean, 73°.03. The prevailing wind of the month was south-west. The greatest velocity of the wind in September was 3. Winds followed by rain, south and south-west; followed by clear or fair weather, north-west. Rain fell on 6 days, the precipitation being 3.80 inches. In this immediate vicinity no rain fell in September until the 22d, but more fell in other parts of the county, especially in the south-east portion. Thunder-storms September 7, 9, 17, 22, 24, 29 and 30. Solar halos on the 8th and 9th, and lunar halos on the 25th and 27th.



**KANE COUNTY**—M. M. ROBBINS, Observer, Aurora. Highest barometer during month, 30.330; lowest, 29.600; mean, 29.970. Highest thermometer, 95°; lowest, 43°; mean, 69° 71'. Rain fell on 9 days, the precipitation being 2.42 inches. Relative humidity of the month, 79. Thunder-storms September 10, 23, 27 and 30. Moderate frost on the 21st, but no damage done. Fog on the 8th and 25th. The prevailing wind was southeast; maximum velocity, 5. The winds of the month were north 4 times, northeast 13, east 5, southeast 22, south 19, southwest 11, and northwest 5 times.

**LEE COUNTY**—MATTHIAS SCHICK, Observer, Prairieville. Highest barometer during the month, 30.290; lowest, 29.530; mean, 29.922. Highest daily mean barometer 30.260, on the 13th; lowest daily mean 29.630, on the 23d. Highest temperature, 91°; lowest, 54°; mean, 71° 30'. Highest daily mean temperature, 87° 20, on the 16th; lowest daily mean, 58°, on the 20th. Rain fell in appreciable quantities on 9 days. The total precipitation was 5.80 inches. Thunder-storms September 4, 15, 21, 22, 23 and 30. The prevailing wind of the month was south, and its greatest velocity 4. Total movement of the wind during September was 3,692 miles. Solar halos September 11, 17, 18, 20 and 21.

**LOGAN COUNTY**—R. W. BURT, Observer, Atlanta. (Includes only the first 20 days of the month.) Highest temperature, 94° on the 9th; lowest, 42° on the 18th. Rain fell on but 2 days, and the precipitation was only 0.42 inches. Thunder-storms September 21, 22, 23, 24, 29 and 30. The wind was east 6 times, southeast 6, southwest 12, west 3, and northwest 2 times.

**MACOUPIN COUNTY**—F. C. ZIMMERMAN, Observer, Bunker Hill. Highest barometer, 30.280; lowest, 29.700. Highest temperature, 99° 50'; lowest, 44°; mean, 71° 40'. The prevailing wind of the month was south, and its greatest velocity 6. Rain fell on 9 days, the precipitation being 7.19 inches.

**MADISON COUNTY**—J. L. R. WADSWORTH, Observer, Collinsville. Highest thermometer during the month, 93° 50 on the 7th; lowest, 49° on the 25th. The mean temperature, 72° 26, is 5° 26 above the September average, and the rainfall, 3.66 inches, 0.67 inches above the average rainfall for September. Rain fell on 8 days during the month.

**MARION COUNTY**—J. L. HALLAM, Observer, Centralia. Highest thermometer 98°; lowest 50°; mean 74°. The prevailing wind of the month was southeast, and its maximum force 3. Rain fell on 6 days, the precipitation being 4.67 inches. Thunder-storms on the 26th and 30th.

**McHENRY COUNTY**—JOHN W. JAMES, Observer, Marengo. Highest thermometer during the month, 90° 10 on the 10th; lowest 45° 40 on the 18th; mean 65° 20. The mean for the month was 5° 10 higher than the mean of 23 Septembers past, only September 18 5 was warmer; its mean temperature was 66° 70; September 1868 was the coolest, its mean being 55° 10. The rainfall of the month 4.34 inches, was but 0.44 inches more than the average rainfall of the last 23 Septembers. September 1832 was the wettest 8.89 inches of rain falling, and September 1877 the driest, 0.21 inches. Rain fell on 10 days this month. Thunder-storm on the 10th.

The highest temperature of the year at noon to-day, 90° 10. There were no frosts during the month. In a residence of 24 years, this has happened but twice before in September, 1865 and 1870. The hot September has been the salvation of our corn crop. Solar halo on the 14th; lunar halos on the 3d, 14th, 26th and 27th. Auroras September 13 and 17. The maximum force of the wind during the month was 5. The winds for September were north 4 times, northeast 13, east 6, southeast 5, south 10, southwest 37, west 6, northwest 7 and calm 2 times. There were 12 clear, 14 fair and four cloudy days in September.

**MENARD COUNTY**—J. D. WHITLEY, Observer, Petersburg. Highest barometer 30.570; lowest 29.970; mean 30.270. Highest temperature 92°; lowest 50°; mean 71°. The prevailing wind of the month was south and its greatest velocity 3. Rain fell on 8 days. The precipitation was 4.25 inches.

**OGLE COUNTY**—A. B. SWEENEY, Observer, Polo. Highest thermometer during the month, 90°; lowest 41°; mean 63° 70; range 49°. Rain fell on 7 days, the precipitation being 5.03 inches. A meteor was observed in the east on the 2d. There were 20 clear, 9 fair and 1 cloudy day during the month. The prevailing wind of the month was south. At 90 observations the wind was north twice, east once, southeast 13 times, south 30, southwest 27, west 6 and northwest 11 times.

**PEORIA COUNTY**—FRED. BRENDEN, Observer, Peoria. Highest barometer, 29.911; lowest, 29.240; mean, 29.620. Highest thermometer, 91°; lowest, 50°; mean, 73° 30'. The prevailing wind of the month was south, and its greatest force 4. The relative humidity of the month was 69. Rain fell on 10 days, the precipitation being 5.76 inches. Thunder-storms September 15, 21 and 22.

**PERRY COUNTY**—J. C. ELLIOTT, Observer, Swanwick. Highest temperature, 90°, on the 8th and 9th; lowest, 53°, on the 25th; highest daily mean, 81° 20; lowest, 64° 50. The mean temperature of the month was 72° 30, which is 3° above the mean temperature of September for the past three years. Rain fell on 9 days; the precipitation, 2.85 inches is 0.69 inches above the September average for the last three years. Thunder-storms September 9, 17, 22, 29 and 30. Hail on the 22d. Frosts reported on low ground on the 18th and 20th, but none at Swanwick. Aurora on the 17th and lunar halo on the 25th. The prevailing wind of the month was south. The maximum force of the wind in September was 3.

**PIKE COUNTY**—A. MONROE, Observer, Griggsville. Highest barometer, 30.390; lowest, 29.630; mean, 30.050. Highest temperature, 91°; lowest, 52°; mean, 69° 10. Rain fell on 9 days, the precipitation being 8.11 inches. Thunder-storm on the 10th, 15th and 30th. Solar halo on the 13th. The prevailing wind of the month was south, its greatest force being 4. The wind was north at 1 observation, northeast at 10, east at 3, southeast at 19, south at 20, southwest at 27, west at 2, and northwest at 8 observations.

**ROCK ISLAND COUNTY**—D. W. FLAGLER, Observer, Rock Island. Highest temperature, 92°; lowest, 47°; mean 69° 13. Rain fell on 11 days, the total precipitation being 7.59 inches.

**SANGAMON COUNTY**—W. NORRINGTON, Sergeant, Signal Corps, U. S. A., Springfield. Highest barometer during the month, 30.324 on the 13th; lowest, 29.640 on the 23d; mean, 30.037. Highest temperature, 91°.10 on the 9th; lowest, 50°.90 on the 21st. The mean temperature, 70°.80, is 9°.48 above the mean of the past 6 years. Only September, 1881, was warmer. Rain fell on 13 days, the precipitation being 6.85 inches—the largest September rainfall for 6 years. It is more than twice the average rainfall for that length of time. The relative humidity of the month was 68.80. Prevailing direction of the wind was south, and its greatest velocity 4. Total movement of the wind during September, 5,780 miles. There were 11 clear, 14 fair and 5 cloudy days during the month.

**ST. CLAIR COUNTY**—G. LEIBROCK, Observer, Mascoutah. Highest temperature,

96° on the 8th; lowest, 48° on the 18th and 19th. Rain fell on 5 days. The precipitation was 3.80 inches. Thunder-storms September 9, 16, 22 and 31.

**UNION COUNTY**—Jno. D. NEWBIGIN, Observer, Anna. Highest barometer, 30.310; lowest, 29.840; mean, 30.100. Highest thermometer, 93°; lowest, 53°. The mean temperature of the month, 74°.58, is 5°.86 above the September average for the past 9 years, and the precipitation, 3.33 inches, is 0.81 inches above the average for the same time. Rain fell on 6 days during the month. Thunder-storms September 22, 24 and 29. Zig-zag lightning was seen at 9 P. M. on the 16th, and diffuse lightning all the evening of the 21st. A large solar halo was observed on the 27th from 2 to 4 P. M., and a large lunar halo on the 28th from 7 to 10 P. M.

## METEOROLOGICAL REMARKS FOR OCTOBER.

**ALEXANDER COUNTY**—H. W. FORD, Deputy-Sergeant, Signal Corps, U. S. A., Cairo. Highest barometer, 30.495; lowest, 29.953; mean, 30.178. Highest thermometer, 88° on the 2d; lowest, 38° on the 24th. The mean temperature, 55° 50', is 4° 41' below the mean of the past 14 years. Relative humidity of the month, 75.4. Rain fell on 5 days, the precipitation being but 1.89 inches. This is 1.42 inches less than the average rainfall of 14 Octobers past. The prevailing direction of the wind in October was south, and its total movement 4,395 miles. Maximum force 4. There were 19 clear, 10 fair and 2 cloudy days during the month. Lunar halos on the 28th and 30th, and frost on the 24th.

**BOND COUNTY**—Jno. B. WHITE, Observer, Greenville. Highest thermometer during month, 91° on the 1st and 2d; lowest, 29° on the 24th and 25th; mean 61° 09'. Rain fell on 6 days, the precipitation being 5 inches. Thunder-storms on the 5th and 7th. Lightning on the 7th at 7 P. M., but no rain. Cloud passed from west to north-east. Frost on the 24th and 25th. The prevailing wind of the month was south.

**CHRISTIAN COUNTY**—J. K. EEBERLE, Observer, Pana. Highest thermometer during the month, 88°; lowest, 29°; mean, 58° 50'. Rain fell on 4 days, the precipitation being 2.50 inches. Thunder-storms on the 4th and 21st. Light frost on the 9th, and black frost on the 23d, ice forming  $\frac{1}{8}$  inch thick. Very foggy on the 13th. Leaves falling from the cotton-wood trees on the 1st, and wild geese going south on the 17th. Prevailing wind of the month, south-east, and maximum force 3.

**COLES COUNTY**—WM. DOZIER, Observer, Mattoon. Highest temperature during the month, 93°; lowest, 30°. The mean temperature, 57°, is 0° 90' above the October mean of the past 9 years. Rain fell on 6 days, the precipitation being 2.80 inches, which is less than half the average rainfall of the last 5 Octobers. Thunder-storms on the 1st, 4th and 5th. First frost and ice on the 23d, and another one on the 28th. The prevailing wind of the month was south. Lunar halo on the 29th.

**COOK COUNTY**—T. B. JENNINGS, Sergeant, Signal Service, U. S. A., Chicago. Highest barometer, 30.526; lowest, 29.794; mean, 30.106. Highest thermometer, 83° 40'; lowest, 27° 70'; mean, 56° 40'. The mean temperature is 4° 37' above the Oct. mean of the past 13 years. Only Oct. 1879 and 1882, were warmer. Rain fell on 9 days. The precipitation, 3.59 inches, is 0.25 below the average rainfall of 13 Octobers past. The prevailing direction of the wind was southwest. Total movement during the month, 5,745 miles. Maximum force 5. There were 14 clear, 11

fair and 6 cloudy days. Lunar halos on the 1st and 29th. Frosts October 23, 25, 28 and 29.

**CRAWFORD COUNTY**—J. E. TEMPLETON, Observer, Palestine. Highest temperature during the month, 93°; lowest, 26°; mean, 60° 38'. Prevailing wind south; maximum velocity 4. Rain fell on three days, the total precipitation being 1.40 inches. Light frost on the 10th, and killing frost on the 24th. Ice formed  $\frac{1}{4}$  of an inch thick on the 23d. Dense fog from 5 to 11 A. M., on the 30th.

**DEKALB COUNTY**—ROSWELL DOW, Observer, Sycamore. Highest temperature during the month, 82° on the 3d; lowest, 22° on the 28th; mean, 51° 29'. Both temperature and rainfall are very near the average of the past four years. The 23d was the coldest day of the month; on that day was the first "killing frost." The precipitation was 5.76 inches, rain falling on 10 days. Thunder-storms October 1, 4, 5, 7 and 16. Frosts October 9, 10, 23, 24, 25, 28 and 29. Lunar halos on the 30th and 31st. The prevailing wind of the month was south-west, the greatest velocity of the wind was 4. Wind was from the north 1 time north-east 9, east 2, south-east, 11, south 19, south-west 23, west 9, north-west 13, and calm 3 times. There were 18 clear, 4 fair and 9 cloudy days. Wild geese were first seen on the 27th.

**HAMILTON COUNTY**—WM. P. GIBBS, Observer, McLeansboro. Highest temperature during the month, 91°; lowest, 27°; mean, 60° 38'. Range of temperature, 64°. Rain fell on 3 days, the precipitation being only 1.92 inches. Thunder-storms on the 6th and 7th. Frosts occurred October 23, 24, 28 and 30. The first was a black frost with some ice. Prevailing wind south-west; maximum force 4. Wild geese and cranes were seen passing south and south-west about the middle of the month. Notwithstanding the four frosts we have had, vegetation is slow in putting on its winter appearance. Saw apple blossoms on the 31st.

**KANE COUNTY**—M. M. ROBBINS, Observer, Aurora. Highest barometer during month, 30.430; lowest, 29.800; mean, 30.070. Highest temperature, 88°; lowest, 24°; mean, 54° 93'. Mean humidity of the month, 79. Rain fell on 11 days, the precipitation being 5.61 inches. Thunder-storms on the 1st, 5th, 7th and 16th. Frosts October 9, 10, 15, 18, 23, 25, 27, 28 and 29. That of the 23d was the first severe one of the season. Loose ground was frozen and ice formed on small quantities of still water, about  $\frac{1}{4}$  of an inch thick. The winds for the month were north



4 times, north-east 10, east 3, southeast 18, south 21, south-west 9, west 20 and north-west 8. The maximum force was 4.

**LEE COUNTY**—MATTHIAS SCHICK, Observer, Prairieville. Highest barometer, 30.390; lowest, 29.750; mean, 29.971. Highest thermometer, 85°; lowest, 26°; mean, 55° 16'. The precipitation for the month was 6.24 inches, rain falling on 9 days. Thunder-storms October 1, 4, 7 and 16. White frost October 9, 18, 23, 24, 25, 27, 28 and 29. The last frost in the spring was May 30, making a period of 132 days between frosts. Prevailing wind of the month was south; greatest velocity 5, on the 5th. Total movement of the wind during the month, 4,728 miles. Solar halos on the 6th, 9th, and 10th.

**LOGAN COUNTY**—R. W. BURT, Observer, Atlanta. Highest thermometer during October, 99°, on the 2d; lowest, 25°, on the 23d. The prevailing wind of the month was southwest. Rain fell on 6 days, the precipitation being 3.51 inches. Frosts on the 9th and 23d. First ice of the season on the 9th. The frost of the 23d killed all tender vegetation. Sun rises and sets in a very red sky, the red-gold light lingering for an hour or more. This has been a very fine October.

**McHENRY COUNTY**—JOHN W. JAMES, Observer, Marengo. Highest temperature during the month, 81° 200, on the 3d and 5th; lowest 24°, on the 28th. The mean temperature for the month, 51° 50, was 4° 50 higher than the mean of 24 Octobers past; only October, 1879 and 1882, have been warmer. Rain fell on 11 days; the precipitation amounted to 3.85 inches, which was 1.29 inches more than the average of 24 Octobers past. October, 1877, 1878, 1881, 1882 and 1883 alone were wetter. There was a thunder-storm on the 16th. Frosts October 9, 10, 18, 22, 23, 24, 25, 27, 28 and 29. The frost of the 9th was the first since May 30, a period of 132 days. Vegetation was a little touched in exposed places. Heavy frost on the morning of the 23d. Thermometer stood at 24° 70 at 6:45 A. M. Ice formed  $\frac{1}{4}$  of an inch thick. Pumpkins, tomatoes and all tender vegetation was killed. A very little snow at 10 A. M.—the first of the season. Polar bands were visible on the 3d and 29th. Lunar halo also on the 29th, and solar halos October 11, 14, 17, 27 and 29. The wind during October was from the north 4 times, north-east 9, south-east 4, south 13, south-west 29, west 17, north-west 12, and calm 5 times. The maximum force was 4. There were 16 clear, 8 fair and 7 cloudy days. Wild geese were first seen about the 5th.

**MADISON COUNTY**—J. L. R. WADSWORTH, Observer, Collinsville. Highest thermometer during the month, 87°, on the 2d and 5th; lowest, 31° 50, on the 23d and 24th; mean, 60° 39. The month has been warmer than the average October. Rain fell on 4 days. The precipitation, 1.64 inches, is 1.41 inches less than the October average. The first frost occurred on the 23d, almost a month later than it frequently occurs.

**MARION COUNTY**—J. L. HALLAM, Observer, Centralia. Highest thermometer, 94°; lowest, 28°; mean, 58°. The month has been remarkable for its high temperature and small precipitation. Only 1.05 inches of rain fell. Frosts October 23, 24, 25, 28 and 29. The prevailing wind of the month was south-east, and its force has not exceeded 3. The month has been a healthful one and very favorable for agricultural pursuits.

**MENARD COUNTY**—JAMES D. WHITLEY, Observer, Petersburg. Highest barom-

eter, 30.740; lowest, 30.140; mean, 30.440. Highest thermometer, 86°; lowest, 28°; mean, 57°. Rain fell on 4 days, the precipitation being 2.39 inches. The maximum force of the wind during the month was 3, and the prevailing direction south-west. Frosts October 9, 12, 14, 18, 22, 23, 25 and 28. The first ice of the season was seen on the 23d. Dense fog on the 10th.

**PEORIA COUNTY**—FRED BRENDEL, Observer, Peoria. Highest barometer during month, 30.447; lowest, 29.468; mean, 29.716. Highest temperature, 90°; lowest, 29°; mean, 59° 10. Rain fell on 7 days, the precipitation being 4.80 inches. Thunder-storm on the 7th. Frosts on the 23d and 28th. Mean humidity of the month, 73. The prevailing wind was south, and the maximum force of the wind during the month was 4. On the 22d of the month the wild strawberry (*Fragaria virginiana*) was in bloom and ripe fruit was also on the vines.

**PIKE COUNTY**—A. MONROE, Observer, Griggsville. Highest barometer, 30.600; lowest, 29.900; mean, 30.200. Highest temperature, 85°; lowest, 28°; mean, 56° 50. Rain fell on 6 days, the precipitation being 2.66 inches. Thunder-storm on the 5th. Frosts October 10, 22, 23, 24, 25 and 29. First ice on the 23d. Greatest velocity of the wind during October, 3. Prevailing direction, south-west. Of 93 observations of the wind it was north 3 times, north-east 6, east 6, south-east 12, south 12, south-west 29, west 11 and north-west 14.

**ROCK ISLAND COUNTY**—D. W. FLAGLER, Observer, Rock Island. Highest temperature during the month, 87° on the 3d; lowest, 27° on the 22d and 27th; mean, 54° 74. Rain fell on eight days, the total precipitation being 7.88 inches.

**SANGAMON COUNTY**—W. NORRINGTON, Sergeant, Signal Corps, U. S. A., Springfield. Highest thermometer, 86° on the 2d; lowest, 34° 90 on the 23d. The mean temperature of the month, 59° 70, is 2° 14 above the mean of 6 Octobers past. The range of temperature during the month was 51° 10. Highest barometer, 30.489; lowest, 29.873; mean, 30.164. Relative humidity of the month, 63.3. Total rainfall, 2.74 inches, which is 1.57 inches below the average for the last 6 Octobers. Rain fell on 8 days. Thunder-storm on the 5th. Frosts October 10, 23, 25, 28 and 29. Lunar halos on the 30th and 31st. Prevailing wind, south; maximum force 4.

**ST. CLAIR COUNTY**—G. LEIBROCK, Observer, Mascoutah. Highest temperature during the month, 94°; lowest, 29°. Rain fell on 3 days, but the total precipitation was only 1.60 inches. Thunder-storm on the 5th. No frost until the 23d. Fruit trees, roses and other flowers are blooming in the garden the last of the month. Much wheat was sown and is in good condition, although that early sown was injured some by the Hessian fly.

**UNION COUNTY**—JNO. D. NEWBIGIN, Observer, Anna. Highest barometer during the month, 30.470; lowest, 29.980; mean, 30.200. Highest temperature, 89°; lowest, 32°. The mean temperature, 64° 61, is 4° 22 above the October average for the past 9 years. Rain fell on only 3 days, the precipitation being but 1.42 inches—2.92 inches below the average of the last 9 Octobers. Maximum force of the wind during the month was 3, and the prevailing wind north-east. Diffuse lightning in the north-west at 9 P. M. on the 7th. First "killing frost" on the 24th, though there was a slight one on the 23d.

## METEOROLOGICAL REMARKS FOR NOVEMBER.

**ALEXANDER COUNTY**—HILL, Deputy-Sergeant, Signal Corps, U. S. A., Cairo. Highest barometer, 30.620, on the 6th; lowest, 29.651, on the 22d; mean, 30.174. Highest thermometer, 69° 50, on the 3d; lowest, 22° 20, on the 24th; mean, 48° 50. Relative humidity of the month, 73.50. Total rainfall, 2.41 inches. Rain or snow fell on 7 days. The precipitation is 1.61 inches below the average precipitation of the past 14 years. The prevailing direction of the wind during November was south, and its total movement 5,433 miles. Maximum force of the wind during the month, 5. Frost November 5, 6, 7, 21 and 22. There were 15 clear, 9 fair and 6 cloudy days during the month.

**BOND COUNTY**—JNO. B. WHITE, Observer, Greenville. Highest thermometer, 74°, on the 1st; lowest, 15°, on the 30th; mean, 44° 30. Rain or snow fell on 10 days, the total precipitation being 2.58 inches. Frost on 11 days. Lunar halo on the 27th. Prevailing wind, west. Of 90 observations of the wind, it was north 3 times, north-east 8, east 6, south-east 8, south 17, south-west 15, west 20, and north-west 13 times.

**CHRISTIAN COUNTY**—J. K. EBERLE, Observer, Pana. Highest thermometer, 67°; lowest, 16°; mean, 41° 05. Prevailing winds of the month, south-east and south-west. Maximum velocity, 5. Winds followed by rain, south, north-east, south-east; winds followed by clear or fair weather, north-west, north-east and west. Rain or snow fell on 4 days, the precipitation being 2 inches. Thunder-storm on the 1st. Total snowfall, 4 inches—3 inches on ground at close of month. Frosts on the 7th and 21st. Heavy fog on the 11th.

**COLES COUNTY**—WM. DOZIER, Observer, Mattoon. Highest temperature during November, 73°; lowest, 11°. The mean temperature, 42°, is 2° 30 above the mean of the past 5 years. The prevailing wind of the month was south. Rain or snow fell on 8 days, the precipitation being 1.83 inches, which is the least of any November precipitation for 5 years, with the exception of 1880, when it was only 1.50 inches. Three inches of snow fell during the month, 2 remaining on the ground at the close. Frost was observed on 9 mornings, and ice formed on 6 days.

**COOK COUNTY**—T. B. JENNINGS, Sergeant, Signal Corps, U. S. A., Chicago. Highest barometer during the month, 30.481; lowest, 29.433; mean, 30.093. Highest thermometer, 64° 40; lowest, 5° 40; mean, 39° 60. The mean temperature of the month is 1° 02 above the mean of the past 13 Novembers. Rain or snow fell on 9 days, the total precipitation being 1.80 inches, which is 1 inch less than the average November

rainfall of the last 13 years. Thunder-storm on the 16th. Frost November 6, 7, 8, 10, 13, 14, 19, 21, 28, 29 and 30. The prevailing wind of the month was south-west, and the maximum force of the wind during the month was 4.

**CRAWFORD COUNTY**—JNO. E. TEMPLETON, Observer, Palestine. Highest thermometer, 71°; lowest, 16° 50; mean, 43° 41. Prevailing wind, west; maximum velocity, 4. Rain or snow fell on 7 days, the total precipitation being 2.27 inches. Total snowfall, 2 inches. Frosts on the 5th, 7th, 13th and 16th. Lunar halo on the 30th. Dense fogs from the 11th to 14th. Wild violets in bloom on the 16th.

**DEKALB COUNTY**—ROSWELL DOW, Observer, Sycamore. Highest thermometer during month, 61° 60; lowest, 0° 70; mean, 32° 79, which is 5° 18 below the average of the three previous Novembers. Frost every day in the month except November 1, 4, 7, 11, 12, 16 and 22. Rain or snow fell on 6 days, the precipitation being 2.48 inches—1.63 inches less than the average precipitation for November of the past three years. One inch of snow fell during the month. Thunder-storm on the 16th. Wind was north 8 times, north-east 7, east 5, south-east 8, south 19, south-west 12, west 8, north-west 22, and calm 1 time. Maximum force, 4. There were 16 clear, 2 fair, and 12 cloudy days during the month.

**HAMILTON COUNTY**—WM. P. GIBBS, Observer, McLeansboro. Highest thermometer, 71°, on the 1st; lowest, 13°, on the 24th; mean, 45° 10. The prevailing wind was north-west. The maximum velocity of the wind during the month, 5. Rain or snow fell on 7 days. The total precipitation was 1.88 inches. The total snowfall of the month was 2 inches. Frost, November 5, 6, 7, 20, 21, 24, 26, 28 and 29. Ice about an inch thick formed on the morning of the 23d. During the early part of the month, apple trees, snow-ball bushes and other shrubbery bloomed out, but since the cold weather they have shed their summer dress and have put on a winter appearance. Water is a little scarce, and a little rain would be welcome.

**KANE COUNTY**—M. M. ROBBINS, Observer, Aurora. Highest barometer during month, 30.370; lowest, 29.440; mean, 30.026. Highest temperature, 68°; lowest, 1°; mean, 35° 96. Mean humidity of the month, 78. Rain or snow fell on 5 days, the total precipitation being 1.90 inches. Frost, November 7, 8, 9, 10, 13, 14, 15, 19, 21, 24, 26, 28, 29 and 30. Thunder-storm on the 16th. Heavy fogs on the 8th, 10th, 14th and 15th. First freeze-up the night of the 23d. Ice formed on pond 2 inches in thickness. Solar halo on the 2d. Lunar halos on the 2d and 28th.



**LEE COUNTY**—MATTHIAS SCHICK, Observer, Prairieville. Highest barometer during the month, 30.270; lowest, 29.400; mean, 29.898; highest daily mean, 30.200, on the 6th; lowest, 29.582, on the 27th. Highest temperature, 67°; lowest, 3°; mean, 36° 70; highest daily mean, 52° 30, on the 9th; lowest, 15° 30, on the 23d. Mean humidity for the month, 79.90. Rain or snow fell on but 3 days, the total precipitation being 2.54 inches. Prevailing winds for the month were west and south-west. Maximum force of the wind, 4. Total movement, 3,832 miles. White frosts every day except November 1, 2, 4, 11, 12, 16, 17, 20, 22, 24, 25, 27 and 31. Solar halos on the 26th, 28th and 30th. Lunar halo on the 28th. No entirely clear day during the month.

**McHENRY COUNTY**—JOHN W. JAMES, Observer, Marengo. Highest temperature during the month, 63°, on the 9th; lowest, -1° 60, on the 24th. The mean temperature of the month, 32° 80, has been 0° 30 lower than the mean of 24 Novembers past. Rain or snow fell on 9 days, the precipitation being 1.79 inches—0.24 inches less than the November average for the past 9 years. One inch of snow fell during the month, half an inch remaining on the ground at the close of the month. Frost every day except November 1, 11, 12, 16 and 22. Solar halo on the 3d. Polar bands were seen on the 17th. The winds of the month were distributed as follows: north 8 times, north-east 8, east 4, south-east 2, south 11, south-west 14, west 11, north-west 29, and calm 3 times. There were 13 clear, 9 fair and 8 cloudy days. The mean temperature of the autumn of 1884, 49° 80, is 3° 10 higher than the mean of the past 23 autumns. Only the autumns of 1865, 1867, 1870 and 1882 were warmer. Up to Nov. 22 it was the warmest autumn of all, but the "cold snap" materially reduced the mean temperature. The total precipitation for the autumn of 1874 was 9.98 inches, or 1.43 inches more than the average of 23 autumns past. The autumns of 1861, 1866, 1868, 1872, 1875, 1881 and 1883 were wetter. The prevailing wind of the season was south-west. The continued warm weather ripened even the large, white, southern corn, which, in this latitude, is grown only for green fodder or ensilage. Kansas corn, such a complete failure last year, also ripened perfectly. Not till the 16th or 17th of November were the oak leaves all brown.

**MADISON COUNTY**—J. L. R. WADSWORTH, Observer, Collinsville. Highest thermometer, 75°, on the 1st; lowest, 14°, on the 24th; mean, 43° 74. Rain fell on 6 days, the total precipitation being 2.16 inches. The month has been remarkable for its mildness and small rainfall.

**MARION COUNTY**—J. L. HALLAM, Observer, Centralia. Highest temperature during the month, 70°; lowest, 14°; mean, 41°. The prevailing wind of the month was south-east, and the greatest velocity 4. Rain or snow fell on 6 days, the precipitation be-

ing 1.03 inches; 1.10 inches of snow fell during the month. Frost every day except November 1, 2, 3, 4, 9, 10, 12, 13, 16, 17, 18 and 19, but no "killing" frost until the 24th. Only the most tender vegetation suffered before that date. The month has been one of the pleasantest Novembers ever known in this section of the State. Take the month all through, it has been remarkable for its high temperature, the growth of vegetation, good general health and the development of insect life.

**PEORIA COUNTY**—FRED BRENDEN, Observer, Peoria. Highest barometer, 30.077; lowest, 29.182; mean, 29.699. Highest temperature, 68°; lowest, 16°; mean, 41° 80. Mean humidity 71. Total rainfall, 2.19 inches. Rain or snow fell on 3 days. The prevailing wind of the month was south; its maximum velocity 5. Frost November 5, 6, 19, 23, 24, 25, 26, 27, 28, 29 and 30.

**PIKE COUNTY**—A. MONROE, Observer, Griggsville. Highest barometer, 30.590; lowest, 29.650; mean, 30.210. Highest temperature, 66°; lowest, 12°; mean, 39° 30. Precipitation for the month, 2.48 inches, rain or snow falling on 4 days. The first snow of the season was on the 17th; 3.20 inches of snow fell during the month, 2 inches remaining on the ground at close of month. Frost every day except November 1, 3, 7, 9, 12, 13, 16, 17, 22 and 27. Lunar halo on the 28th. Highest velocity of the wind during the month was 4. Of 93 observations of the wind, it was north 6 times, north-east 17, east 1, south-east 7, south 9, south-west 24, west 5 and north-west 21 times. Brilliant red sunsets on the 6th, 8th and 9th.

**POPE COUNTY**—J. E. Y. HANNA, Observer, Golconda. Highest temperature during the month, 72°; lowest, 18°; mean, 47° 03. Rain or snow fell on 6 days, the total precipitation being 2.07 inches. Frost November 5, 6, 7, 21, 24, 29 and 30. Lunar halos on the 21st, 26th and 30th. That on the 26th was beautiful with lovely prismatic colors. Maximum force of the wind during the month, 3. Prevailing direction, north-west. Winds followed by rain, north-east, north-west and south-east; winds followed by clear or fair weather, north-west and west.

**ROCK ISLAND COUNTY**—D. W. FLAGLER, Observer, Rock Island. Highest temperature during the month, 69° on the 9th; lowest—1°, on the 23d; mean temperature, 36° 17. Rain fell on only 2 days, the precipitation being but 2.04 inches.

**SANGAMON COUNTY**—W. NORRINGTON, Sergeant, Signal Corps, U. S. A., Springfield. Highest barometer during the month, 30.580, on the 6th; lowest, 29.576, on the 22d; mean, 30.149. Highest thermometer, 66° 90, on the 9th; lowest, 13° 60, on the 24th; mean, 44° 20. The mean temperature is 2° 45 above the mean of the past six years. Greatest daily range of temperature, 39° 30, on the 23d; least daily range, 8° 50, on the



3d. Relative humidity of the month. 68.9. Rain or snow fell on 7 days. The precipitation, 1.29 inches, is the least November precipitation for the past six years. 1.10 inches of snow fell. The prevailing direction of the wind during November was north-west, and its total movement 5,347 miles. Highest velocity, 5. There were 13 clear, 9 fair and 8 cloudy days. Frosts November 6, 7, 8, 9, 11, 13, 15, 20, 21, 26. Lunar halo on the 28th.

ST. CLAIR COUNTY—G. LEIBROCK, Observer, Mascoutah. Highest thermometer, 76°; lowest, 16°; mean, 41°. Total rainfall for the month, 2.40 inches. Total snowfall, 1.20 inches. Frost on 13 days during the month.

UNION COUNTY—Jno. D. NEWBIGIN, Observer, Anna. Highest barometer, 30.590; lowest, 29.850; mean, 30.193. Highest thermometer, 71°; lowest, 16°. The mean temperature of the month, 47°.45, is 2°.02 above the November average of the past 9 years, and the rainfall, 2.58 inches, is 1.22 inches less than the average rainfall for the same time. Rain or snow fell on 9 days during the month. The snowfall amounted to 1.10 inches. The greatest force of the wind during November was 3, and its prevailing direction northwest. Winds followed by rain, south and southwest; by clear or fair weather, north-west. Two meteors were seen at 10 P. M. of the 13th, falling from north-east to south-west. There were 16 clear, 6 partially and 8 entirely cloudy days during the month.

## METEOROLOGICAL REMARKS FOR DECEMBER.

**ALEXANDER COUNTY**—H. W. FORD, Private, Signal Corps, U. S. A., Cairo. Highest barometer, 30.663, on the 19th; lowest, 29.599, on the 6th; mean, 30.170. Highest thermometer, 63°, on the 3d; lowest, -2° 20, on the 19th. The mean temperature, 36° 20, is 2° 09 below the mean of the past 14 Decembers. Relative humidity of the month, 78.6. The prevailing direction of the wind was north, and its total movement during the month, 7,095. Highest velocity, 5. The precipitation of the month, 8.99 inches, is the largest monthly precipitation for 14 years, and is over twice the average for that time. Rain or snow fell on 15 days. There were 3 clear, 11 fair and 17 cloudy days. Lunar halos on the 8th and 24th. Frost December 3, 7 and 8.

**BOND COUNTY**—Jno. B. WHITE, Observer, Greenville. Highest temperature, 62°, on the 4th and 30th; lowest, -10°, on the 18th; mean, 29° 32. Prevailing wind of the month, south-east. Rain or snow fell on 11 days, the total precipitation being 7.62 inches. Snow fell during December to the amount of 18.5 inches. Thunder-storm on the 6th; three claps of thunder were heard on the 7th and 8th. The winds during the month were north 12 times, north-east 9, east 8, south-east 26, south 6, south-west 6, west 15, and north-west 11 times.

**CHRISTIAN COUNTY**—J. K. EBERLE, Observer, Pana. Highest temperature during the month, 66°; lowest, -11°. Rain or snow fell on 11 days, the total precipitation being 5.90 inches; 15 50 inches of snow fell in December. The prevailing wind of the month was south; maximum force, 3; winds followed by rain, south-east and east; by clear or fair weather, north-west and west. Heavy fog on the morning of the 28th.

**COLES COUNTY**—WM. DOZIER, Observer, Mattoon. Highest thermometer, 64°; lowest, -13°; mean, 28° 50. The mean temperature is 1° 67 below the mean of the past 5 Decembers. The rainfall of the month, 5.45 inches, is 2.28 inches more than the average December rainfall for five years past. Rain or snow fell on 14 days, the snowfall being 9.71 inches. Ice formed on 23 days. The prevailing direction of the wind was south-east. The mean temperature for the year was 52° 33, 0° 76 less than the yearly mean for the past five years, and the total precipitation for the year, 45.45 inches, is 2.34 less than average rainfall for the same time. The hottest day during that time was Aug. 12, 1881, when the thermometer reached 105°; the lowest Jan. 5, 1884, when it fell to -28°.

**COOK COUNTY**—T. B. JENNINGS, Sergeant, Signal Corps, U. S. A., Chicago. Highest barometer, 30.653; lowest, 29.336; mean, 30.120. Highest daily mean, 30.612;

lowest daily mean, 29.444. Highest thermometer, 61° 20; lowest, -11° 20. The mean for the month, 28° 40, is 1° 16 below the December mean for the last 13 years. Rain or snow fell on 18 days, the precipitation being 4.21 inches, 1.08 inches above the average of the last 13 Decembers. The prevailing wind of the month was south, and the total movement 6,574. Maximum velocity of the wind in December, 4. Frost December 1, 3, 4, 9 and 10. Lunar halos on the 3d and 26th.

**CRAWFORD COUNTY**—J. E. TEMPLETON, Observer, Palestine. Highest temperature during the month, 60°; lowest, -9°; mean, 29° 16. Prevailing wind, south; maximum force, 3. Precipitation for the month, 5.84 inches; 5.75 inches of snow fell during the month. Rain or snow fell on 13 days.

**DEKALB COUNTY**—ROSWELL DOW, Observer, Sycamore. Highest temperature during the month, 51°, on the 30th; lowest, -16°, on the 18th. The mean temperature, 20° 46, is 5° 40 lower than the average of the last four Decembers. Rain or snow fell on 15 days; the precipitation, 4.14 inches, is 1.14 inches more than the average rainfall of four Decembers past. The snowfall of the month was 10.30 inches. Frost every day except December 5, 6, 28, 29 and 30. The maximum velocity of the wind during the month was 3. At 93 observations the wind was north 7 times, north-east 9, east 3, south-east 22, south 13, south-west 7, west 10, north-west 21, and calm 1 time. Solar halo on the 22d. A brilliant meteoric flash was seen at 10 P. M. on the 20th.

**HAMILTON COUNTY**—WM. P. GIBBS, Observer, McLeansboro. Highest temperature, 62°; lowest, -8°; mean, 31° 77. Prevailing wind of the month was north-west. Rain or snow fell on 9 days, the total precipitation being 8.24 inches. 3.75 inches of snow fell during the month. Frost December 1, 2, 3, 4 and 8. Lunar halo at 5 A. M. on the 8th. The thermometer dropped to zero for the first time on the 18th, and the morning of the 19th it marked -8° at 7 A. M.—being 17° below December, 1883.

**KANE COUNTY**—M. M. ROBBINS, Observer, Aurora. Highest barometer during month, 30.540; lowest, 29.290; mean, 30.030. Highest thermometer, 55°; lowest, -21°; mean, 23° 54. Rain or snow fell on 14 days, the precipitation being 4.57 inches; 9.10 inches of snow fell. The winds of the month were north 8 times, north-east 5, east 3, south-east 18, south-west 7, west 26 and north-west 14 times. Greatest force of the wind during the month was 5. Frosts 1st to 4th. Solar halo on the 22d, and lunar halo on the 26th. Aurora borealis on the

31st. The minimum temperature of the month,  $-21^{\circ}$ , is lower than that of any December for the past 5 years, although the mean temperature for December, 1830 and 1882, was lower than the mean for December, 1884.

**LEE COUNTY**—**MATTHIAS SCHICK**, Observer, Prairieville. Highest barometer during the month, 30.350; lowest, 29.200; mean, 29.868. Highest daily mean 30.312, on the 25th; lowest daily mean, 29.340, on the 6th. Highest temperature during the month,  $50^{\circ}$ ; lowest,  $-20^{\circ}$ ; mean temperature,  $20^{\circ}.80$ . Highest daily mean,  $48^{\circ}$  on the 30th; lowest daily mean,  $-17^{\circ}.10$ , on the 18th. Mean humidity for the month, 78.16 per cent. Rain or snow fell on 14 days. The total precipitation was 5.56 inches. Total snowfall, 10.50 inches. Prevailing wind during the month, west; greatest velocity, 5. Total movement of the wind, 3,632 miles. White frosts on the 1st, 3d and 4th. Solar halos December 8, 9, 22 and 24. Lunar halo on the 1st. The total precipitation during the year 1884 was 50.62 inches, against 48.04 inches in 1883.

**McHENRY COUNTY**—**JNO. W. JAMES**, Observer, Marengo. Highest thermometer,  $50^{\circ}.70$  on the 30th; lowest,  $-21^{\circ}.30$  on the 18th; mean,  $19^{\circ}.40$ . The prevailing winds of the month were north-west and south-west. Maximum force of the wind, 5. Rain or snow fell on 19 days, the precipitation being 3.28 inches; 11.25 inches of snow fell. Frost every day except December 5, 6, 28, 29 and 30. Dense fog all day on the 5th. Aurora on the evening of the 10th; sky partly clouded but a few light streamers seen, and at 9:30 P. M., an arch  $4^{\circ}$  or  $5^{\circ}$  in altitude. Parhelion at 8 A. M., on the 22d. Fog on the 28th, 29th and 30th. Winds for the month were north 4 times, north-east 9, east 3, south-east 7, south 19, south-west 20, west 11, north-west 28, and calm 1 time. There were 5 clear, 6 fair and 20 cloudy days. The mean temperature of the month has been  $1^{\circ}.40$  lower than the mean of 23 Decembers past. December, 1864, 1865, 1863, 1871, 1872, 1876, 1878 and 1880 were colder, December, 1882, had the same mean temperature. At 9:20 P. M., on the 18th, the thermometer marked  $-21^{\circ}.30$ , the lowest I have ever recorded so early in December. The day's mean temperature was the lowest I have ever recorded in December. The amount of rain and melted snow was 1.35 inches more than the mean amount for 24 Decembers past. December, 1863, 1866, 1873 and 1877, were wetter. The mean temperature of the year 1884, was  $44^{\circ}$ , or  $0^{\circ}.90$  below the mean of 21 years past; the years 1866, 1868, 1869, 1872, 1873, 1875 and 1883, were colder. Highest temperature in 1884,  $90^{\circ}$  on September 10th; lowest,  $-31^{\circ}$  on January 5th. Range for the year,  $121^{\circ}$ . Total amount of rain and melted snow in 1884, 34.95 inches, or 0.90 inches more than the average of 23 years past; the years 1861, 1862, 1866, 1868, 1876, 1877, 1881, 1882 and 1883, were wetter. In 1834, May, September and October, were warmer than usual; June and November about an average; the rest colder. February, April, September, October and December were wetter than usual; January, March and May drier; the rest an average.

**MADISON COUNTY**—**J. L. R. WADSWORTH**, Observer, Collinsville. Highest temperature,  $62^{\circ}$ , on the 4th; lowest,  $-10^{\circ}$  on the 19th; mean,  $29^{\circ}.15$ . Rain or snow fell on 14 days, the precipitation being 5.98 inches. Cloudiness averaged 8 or more on a scale of ten on 23 days. The sun was visible but a few hours during the whole month. The mean temperature of the month was  $3^{\circ}.87$  below

the December average for a term of years and the rainfall was 8.02 inches below the mean for the same time.

**MARION COUNTY**—**J. L. HALLAM**, Observer, Centralia. Highest thermometer,  $60^{\circ}$ ; lowest,  $-10^{\circ}$ ; mean,  $30^{\circ}$ . Prevailing wind north-east; maximum force 3. It rained or snowed on 9 days and 5.50 inches of rain and melted snow fell. On the 27th one flash of lightning was seen, followed by one clap of thunder, and a similar phenomenon was observed on the 30th. Frost every day except December 5, 6, 7, 10, 28, 29 and 30. The mean temperature of the month has been below the average. On the 19th the thermometer marked  $-10^{\circ}$ , the lowest point reached in December since 1830, when on the 29th it reached  $-15^{\circ}$ . The precipitation has been greater than usual in December. 2.30 inches of rain fell on the 27th, and 29th, the greater portion of which ran off, doing some damage to winter crops.

**PEORIA COUNTY**—**FRED. BRENDL**, Observer, Peoria. Highest barometer during the month, 30.263; lowest, 28.911; mean, 29.709. Highest thermometer,  $57^{\circ}$ ; lowest,  $-10^{\circ}$ ; mean,  $27^{\circ}.30$ . Mean humidity of the month, 78. Total rainfall, 3.21 inches. Rain or snow fell on 14 days. Five inches of snow fell during the month. The prevailing wind of the month was south; the maximum force, 4. Frost December 1, 2, 9, 11 to 27 and 31.

**PIKE COUNTY**—**A. MONROE**, Observer, Griggsville. Highest barometer, 30.760; lowest, 29.490; mean, 30.240. Highest thermometer,  $57^{\circ}$ ; lowest,  $-13^{\circ}$ ; mean,  $21^{\circ}.50$ . Prevailing winds of the month, north-west and south-east. Maximum force of the wind, 4. Rain or snow fell on 11 days, the precipitation being 3.43 inches. 9.40 inches of snow fell. Mock suns were seen on the 24th.

**POPE COUNTY**—**J. E. Y. HANNA**, Observer, Golconda. Highest temperature of the month,  $66^{\circ}$ , on the 5th; lowest,  $-4^{\circ}$ , on the 19th. The mean temperature of December,  $34^{\circ}.55$ , is  $2^{\circ}.01$  below the mean December temperature for the past 6 years, and is below any December except 1878 and 1881. Rain or snow fell on 13 days, and the total precipitation, 8.15 inches, is 3.94 inches more than the average of the past 6 Decembers. Only December, 1879, was wetter, and that only 0.46 of an inch. The snowfall of the month was 2.50 inches. Thunderstorm on the 27th. Frost December 1, 4, 8, and 14 to 26. Frost out of the ground on the 29th. Ohio river full of ice from the 23d to the 27th. Lunar halo on the 24th.

**SANGAMON COUNTY**—**W. NORRINGTON**, Sergeant, Signal Corps, U. S. A., Springfield. Highest barometer, 30.697, on the 19th; lowest, 29.411, on the 6th; mean, 30.174. Highest thermometer,  $60^{\circ}$ , on the 5th; lowest,  $-8^{\circ}.80$ , on the 19th. The mean temperature of the month,  $29^{\circ}.10$ , is  $2^{\circ}.63$  below the mean of December for the past 6 years. Only December, 1880, was colder. Relative humidity of the month, 76.4. Rain or snow fell on 15 days. The precipitation, 5.19 inches, is 1.81 inches more than the average of the past 6 Decembers. It is the largest amount of precipitation in that time. The prevailing direction of the wind was south, with a movement of 7,066 miles. Highest velocity of the wind, 5. There were 5 clear, 7 fair and 19 cloudy days. Lunar halos on the 22d, 25th and 26th. Frost on the 3d, 8th and 9th.



ST. CLAIR COUNTY—G. LEIBROCK, Observer, Mascoutah. Highest thermometer during the month, 60°; lowest, -10°. Rain or snow fell on 9 days, the precipitation being 6.90 inches. The snowfall for the month was 5.80 inches. Thunder-storm at 4 A. M. on the 26th, from the north-east.

UNION COUNTY—JOHN D. NEWBIGIN, Observer, Anna. Highest barometer, 30.610; lowest, 29.550; mean, 30.180. Highest thermometer, 67°; lowest, -7°. The mean temperature of the month, 32°.47, is 5°.20 below the December average of the past 9 years, and the precipitation, 9.57 inches, is 6.24 inches in excess of the average for the same time. Rain or snow fell on 13 days. The snowfall amounted to 4.80 inches. A very heavy rainfall occurred on the 27th,

3.31 inches falling between 6:30 A. M. and 9 P. M. The prevailing wind of the month was north-west, and its greatest force 5. Winds followed by rains, south and east; by clear or fair weather, north-west.

WILL COUNTY—H. N. RENFREW, Observer, Wilton Centre. Highest barometer, 30.828; lowest, 29.606; mean, 30.259. Highest thermometer, 55°; lowest, -24°; mean, 25°.70. Rain or snow fell on 12 days, the total precipitation being 4.84 inches; 8 inches of snow fell during the month. The first snowstorm of the season occurred on the 11th. The prevailing wind of the month was west, and its maximum force 3. Winds followed by rain were from the south-east and north-east. Paraselenes were observed at 9:30 A. M. on the 22d.

NAMES AND POST OFFICE ADDRESSES  
OF  
CROP CORRESPONDENTS,  
DEPARTMENT OF AGRICULTURE,

FOR THE YEAR 1884,

WITH DATES OF APPOINTMENT.

ADAMS COUNTY:

1882, W. T. Yeargain, Quincy.  
1879, C. H. Rankin, Fall Creek.  
1878, A. R. Wallace, Camp Point.  
1881, Henry Chapman, Payson.  
1879, G. W. Dean, Adams  
1883, H. C. Cupp, Fall Creek.

ALEXANDER COUNTY:

1884, J. R. F. Standard, Elco.  
1882, Martin Brown, Thebes.

BOND COUNTY:

1878, Jno. V. McFarland, Cottonw'd G've.  
1878, John Riley, Mulberry Grove.  
1878, C. A. Meyer, Greenville.  
1878, Thomas W. Hynes, Greenville.  
1879, S. H. Challis, Pocohontas.  
1882, W. D. Henry, Beaver Creek.  
1884, E. L. Willford, Old Ripley.

BOONE COUNTY:

1878, George Reed, Belvidere.  
1878, S. C. Fox, Garden Prairie.  
1878, E. E. Moss, Belvidere.  
1882, O. S. Nichols, Garden Prairie.  
1875, Evi Sherman, Poplar Grove.

BROWN COUNTY:

1878, Henry D. Ritter, Versailles.  
1882, J. W. Moore, Mound Station.  
1878, R. T. Bratten Mt. Sterling.  
1881, A. E. Martin, Ripley.  
1882, J. B. Vandeventer, Mt. Sterling.

BUREAU COUNTY:

1877, L. D. Whiting, Tiskilwa.  
1878, James F. Mallet, Milo.  
1878, J. Y. Spangler, New Bedford.  
1879, John L. Hall, Wyand.

CALHOUN COUNTY:

1878, A. Smith, Hardin.  
1878, George W. Long, Bellevue.  
1878, William, Love, Brussels.  
1881, M. A. Kamp, Kampville.

CARROLL COUNTY:

1878, E. L. Byington, Lanark.  
1882, John Cole, Thompson.  
1882, S. Preston, Mt. Carroll.  
1884, Peter Hyzen, Shannon.

CASS COUNTY:

1873, Thomas J. Crum, Virginia.  
1878, John M. Epler, Little Indian.  
1878, John H. Goodell, Chandlerville.  
1878, John Beggs, Ashland.  
1878, J. K. Clark, Bluff Springs.  
1882, George Virgin, Virginia.  
1884, J. B. Conover, Ashland.

CHAMPAIGN COUNTY:

1879, J. M. Morse, Gifford.  
1879, W. A. Conkey, Homer.  
1879, J. O. Ware, Urbana.  
1879, J. M. Lewis, Urbana.

**CHRISTIAN COUNTY:**

- 1878, J. B. White, Morrisonville.
- 1878, A. B. Herdman, Morrisonville.
- 1878, John W. Hunter, Owanece.
- 1878, O. S. Nash, Sharpsburg.
- 1880, J. R. Hill, Edinburg.
- 1882, Peter L. Myers, Assumption.

**CLARK COUNTY:**

- 1878, James C. Sheapley, Martinsville.
- 1878, F. B. Ennis, Dolson.
- 1878, E. R. Scott, Casey.
- 1880, L. B. Anderson, Darwin.
- 1880, Jerry Ishler, Martinsville.
- 1880, B. B. Tarman, Orange.

**CLAY COUNTY:**

- 1878, W. W. Bowler, Flora.
- 1880, Theron Gould, Bible Grove.
- 1882, John R. Bonney, Hoosier Prairie.
- 1882, A. W. Bothwell, Clay City.

**CLINTON COUNTY:**

- 1884, James, McHale, Lost Creek.
- 1878, John Burton, Trenton.
- 1878, O. B. Nichols, Sr., Carlyle.
- 1878, B. Pullen, Centralia, (Marion Co.)
- 1882, Theodore Albers, Germantown.

**COLES COUNTY:**

- 1878, Thomas O'Brien, Ashmore.
- 1880, J. F. Dora, Charleston.
- 1882, E. G. Patterson, Mattoon.
- 1883, W. H. Tabler, Folger.
- 1884, Wm. Poorman, Humbolt.

**COOK COUNTY:**

- 1878, A. H. Dolton, Dolton's Station.
- 1879, Norman Powell, Palos.
- 1879, George Struckman, Elgin, (Kane).
- 1879, C. L. Sweet, Glenwood.
- 1882, Elbert Wheeler, Arlington Heights.

**CRAWFORD COUNTY:**

- 1879, William L. Heustis, Robinson.
- 1878, Andrew Newlin, Hutsonville.
- 1880, J. P. Weger, Flat Rock.
- 1882, William Wood, Oblong.
- 1882, W. S. Emmons, Robinson.
- 1884, H. H. Haskett, Paletine.

**CUMBERLAND COUNTY:**

- 1878, Harlow Park, Greenup.
- 1878, David Neal, Neoga.
- 1879, Ed. Bumgarder, Hazel Dell.
- 1882, Jas. M. Albin, Neoga.

**DEKALB COUNTY:**

- 1881, Edwin Waite, Sycamore.
- 1879, D. M. Marsh, Sandwich.
- 1879, E. M. Pritchard, Waterman Station
- 1879, M. W. Cole, Kingston.
- 1884, Robt. Hamilton, East Paw Paw.

**DEWITT COUNTY:**

- 1878, E. H. Robb, Waynesville.
- 1878, John McDonald, Farmer City.
- 1881, A. D. Metz, Wapella.
- 1882, W. R. Carle, Wapella.

**DOUGLAS COUNTY:**

- 1878, S. L. Woodsworth, Arcola.
- 1878, F. A. McCarty, Elison.
- 1884, J. E. Scanling, Newman.

**DUPAGE COUNTY:**

- 1878, H. L. Bush, Downer's Grove.
- 1878, P. W. Stacy, Prospect Park.
- 1878, Daniel Dunham, Wayne.
- 1884, Daniel Kelley, Wheaton.

**EDGAR COUNTY:**

- 1878, W. H. Stubbs, Ferrell.
- 1878, B. O. Curtis, Paris.
- 1878, A. S. McCord, Paris.
- 1884, Geo. W. Legg, Scotland.

**EDWARDS COUNTY:**

- 1878, W. A. Shelby, Maple Grove.
- 1878, James Dawes, Albion.
- 1889, Wm. L. Orange, Albion.

**EFFINGHAM COUNTY:**

- 1878, A. B. Kidder, Moccasin.
- 1878, John McDonald, Edgewood.
- 1883, H. C. Henry, Mason.
- 1883, Geo. Strong, Eberle.
- 1883, T. J. Dunn, Elliottstown.

**FAYETTE COUNTY:**

- 1878, O. E. Lovett, St. Elmo.
- 1878, C. Carson, Brownstown.
- 1878, Fr. Fellwock, St. Paul.
- 1878, J. F. Kennedy, Shabonier.
- 1882, John M. McCord, Vandalia.
- 1884, Alfred Griffith, Brownstown.

**FORD COUNTY:**

- 1878, L. T. Bishop, Piper City.
- 1881, H. J. Schaeffer, Paxton.
- 1878, James Ogelvie, Caberey.
- 1879, S. J. Le Fevre, Gibson City.
- 1882, W. J. Wood, Elliott.
- 1883, Chas. H. Yates, P. O. Chatsworth, Livingston county.

**FRANKLIN COUNTY:**

- 1878, F. M. Phipps, Benton.
- 1878, C. C. Biggs' Thompsonville.
- 1878, Isham Harrison, Mulkeytown.
- 1878, Thos. Neal, Ewing.
- 1883, Otto Heulbig, Benton.
- 1882, John Mulkey, Benton.
- 1883, T. D. Boyles, Ewing.

**FULTON COUNTY:**

- 1878, M. Rawalt, Canton.
- 1878, Alex Bailey, Vermont.
- 1878, D. H. Gorham, Avon.
- 1878, John Prickett, Lewistown.
- 1881, S. B. Bennett, Fairview.

**GALLATIN COUNTY:**

- 1883, G. W. Moore, Equality.
- 1879, C. W. McGehee, Shawneetown.
- 1880, Martin Doherty, Waltonborough.
- 1879, A. K. McCabe, Shawneetown.
- 1883, R. A. Lamb, Ridgway.
- 1884, J. E. Hale, Cotton Wood Grove.

**GREENE COUNTY:**

- 1878, C. W. Brace, Kane.
- 1878, Elon A. Eldred, Carrollton.
- 1878, S. G. Russell, Bluffdale.
- 1878, Jos. Rickart, Whitehall.

**GRUNDY COUNTY:**

- 1878, John Hurst, Minooka.
- 1878, R. K. Slosson, Verona.
- 1878, C. E. Parker, Gardner.
- 1878, Otis Eaker, Morris.
- 1882, A. Z. Taylor, Gardner.
- W. T. Pierce, Verona.

**HAMILTON COUNTY:**

- 1878, A. M. Sturman, Dahlgren.
- 1878, Adam Crouch, Belle Prairie.
- 1880, R. W. Jordan, Enfield, (White Co.)
- 1883, Thompson B. Stelle, McLeansboro.
- 1883, Alfred Braden, Braden.
- 1884, S. B. Allen, Broughton.

**HANCOCK COUNTY:**

- 1878, A. C. Hammond, Warsaw.
- 1878, E. J. Baxter, Nauvoo.
- 1880, W. W. Tull, Fruitland.
- 1884, W. J. Remick, Plymouth.

**HARDIN COUNTY:**

- 1878, John Mitchell, Cave-in-Rock.
- 1878, W. N. Warford, Spark's Hill.
- 1882, Anton Shelter, Shelterville.
- 1884, Wm. J. Hill, P. O. Caseyville, Ky.
- 1884, Scott Kinney, Walrab's Mill.



**HENDERSON COUNTY:**

- 1878, Peter Groome, Raritan.
- 1878, John H. McDougall, Biggsville.
- 1878, Paul D. Salter, Kirkwood, Warren county.
- 1882, Charles Naughn, Lomax.
- 1882, M. A. Frabell, Kirkwood, Warren county.

**HENRY COUNTY:**

- 1878, N. C. Gilbert, Geneseo.
- 1878, Joshua C. Edwards, Cambridge.
- 1878, John A. Widney, Woodhull.
- 1882, E. C. Gilbert, Geneseo.
- 1879, Wm. Mathis, Prophetstown, White-side county.

**IROQUOIS COUNTY:**

- 1884, F. I. Mann, Gilman.
- 1878, A. C. Johnson, Woodland.
- 1881, Frank H. Burnham, Martinton.
- 1879, Robert Caldwell, Sheldon.
- 1882, B. W. Gilborne, Cabery, (Ford Co.)
- 1883, S. Williams, Woodland.

**JACKSON COUNTY:**

- 1879, George C. Hanford, Makanda.
- 1879, Hiram Swartz, Elkville.
- 1880, John A. Carter, Campbell Hill.
- 1882, P. E. Michaels, Carbondale.

**JASPER COUNTY:**

- 1878, James Picquet, St. Marie.
- 1876, W. E. Barrett, Newton.
- 1878, R. G. Scott, Ingraham, (Clay Co.)
- 1876, A. Wilson, Wheeler.
- 1884, P. S. Cummins, Rose Hill.

**JEFFERSON COUNTY:**

- 1878, John R. Moss, Mt. Vernon.
- 1878, John Wilbanks, Mt. Vernon.
- 1879, L. E. Jones, Opdyke.
- 1878, George L. Whitlock, Dix.
- 1879, E. S. Noleman, Irvington.
- 1882, W. B. Anderson, Mt. Vernon.

**JERSEY COUNTY:**

- 1878, Henry Ryan, Medora, (Macoupin Co)
- 1878, James E. Starr, Elsau.
- 1877, W. H. Fulkerson, Jerseyville.
- 1884, John G. Dougherty, Otterville.

**JO DAVIESS COUNTY:**

- 1878, Henry Green, Elizabeth.
- 1878, E. M. Burton, Galena.
- 1876, J. A. Hammond, Hanover.
- 1882, M. K. Hammond, Stockton.
- 1882, John Dallyn, Galena.
- 1884, T. Hallett, Galena.

**JOHNSON COUNTY:**

- 1878, H. T. Williams, Buncombe.
- 1880, J. F. Casper, New Burnside.
- 1882, T. H. Taylor, Goreville.
- 1882, S. D. Poor, Grantsburg.
- 1882, P. W. McFatrige, Vienna.
- 1883, J. B. Gillespie, New Burnside.

**KANE COUNTY:**

- 1878, J. P. Bartlett, Blackberry.
- 1878, H. Chapman, Sugar Grove.
- 1884, Geo. E. Peck, Geneva.
- 1881, C. A. Fassett, Hampshire.
- 1882, Daniel Whitney, St. Charles.
- 1884, E. W. Thompson, Sugar Grove.

**KANKAKEE COTNTY:**

- 1878, Milo Barnard, Mateno.
- 1878, R. A. Lane, Bonfield.
- 1878, D. S. McKinstry, Grant Park.
- 1878, I. C. Mosier, Essex.
- 1882, A. L. Miner, Mومence.

**KENDALL COUNTY:**

- 1878, J. M. Gale, Yorkville.
- 1878, John S. Seeley, Oswego.
- 1878, John Hurst, Minooka.
- 1878, Geo. M. Hollenback, Millbrook.
- 1882, W. H. Shufelt, White Willow.
- 1884, W. B. Rockwood, Newark.

**KOX COUNTY:**

- 1878, John Sloan, Yates City.
- 1878, Isaac Hunter, Abingdon.
- 1878, G. A. Marshall, Abingdon.
- 1878, R. W. Miles, Gibson.
- 1883, Wm. H. Faulds, Douglas.
- 1884, R. W. Hunt, Galesburg.

**LAKE COUNTY:**

- 1881, Robert Easton, Half-Day.
- 1878, Henry Hart, Hainesville.
- 1879, Arthur Cook, Wauconda.
- 1879, J. B. Pope, Wadsworth.
- 1879, Giles Farmer, Libertyville.

**LASALLE COUNTY:**

- 1883, Chas. T. Farrell, Ottawa.
- 1878, Thomas J. Davis, Triumph.
- 1878, George W. Armstrong, Seneca.
- 1883, L. A. Burgess, Tonica.
- 1884, Frank A. Wikins, Troy Grove.
- 1878, Elmer Baldwin, Farm Ridge.

**LAWRENCE COUNTY:**

- 1878, W. T. Buchanan, Bridgeport.
- 1870, D. S. Porter, Lawrenceville.
- 1882, J. A. Fyffy, Sumner.

**LEE COUNTY:**

- 1878, Abijah Powers, Prairieville.
- 1878, James C. Lahman, Franklin Grove.
- 1879, Abraham Brown, Dixon.
- 1880, C. F. Ingalls, Sublette.
- 1884, Rob. Hampton, East Paw Paw.
- 1884, Patrick W. Whalen, Walton.
- 1884, Wm. McMahon, Paw Paw.

**LIVINGSTON COUNTY:**

- 1878, L. R. Bancroft, Pontiac.
- 1878, S. T. K. Prime, Dwight.
- 1880, Isaac Young, Pontiac.
- 1882, Robt. Thompson, Flanagan.
- 1882, A. A. Richardson, Pontiac.
- 1882, Eli W. Pearson, Cayuga.

**LOGAN COUNTY:**

- 1880, J. P. Hieronymus, Atlanta.
- 1882, W. V. Guttery, Middleton.
- 1883, John Harmon, Beason.
- 1884, W. Womple, Mt. Pulaski.
- 1884, R. A. Talbott, Burtonview.

**MACON COUNTY:**

- 1878, T. H. Barr, Argenta.
- 1876, V. Barber, Decatur.
- 1878, G. Elliott, Harristown.
- 1880, D. P. Keller, Macon.
- 1884, W. A. Van Leer, Maroa.

**MACOUPIN COUNTY:**

- 1878, J. H. Bauer, Bunker Hill.
- 1878, John P. Henderson, Virden.
- 1880, E. H. Wilson, Barnett, (Mont. Co.)
- 1883, T. K. Gore, Carlinville.
- 1883, James W. Lumpkin, Carlinville.
- 1877, I. B. Vancil, Modesto.

**MADISON COUNTY:**

- 1878, V. P. Richmond, Moro.
- 1878, Irby Williams, Upper Alton.
- 1878, E. J. Jeffress, Edwardsville.
- 1877, John Balsiger, Highland.

**MARION COUNTY:**

- 1880, Urial Mills, Salem.
- 1878, J. W. Jennings, Centralia.
- 1881, J. M. Waggoner, Iuka.
- 1882, W. D. Hillis, Odin.

**MARSHALL COUNTY:**

- 1883, C. A. Whitney, Varna.
- 1878, D. B. Wier, Lacon.
- 1882, H. Marshall, Camp Grove, (Stark Co.)
- 1883, E. Greene, Henry.
- 1883, Geo. D. Riddell, Sparland.

**MASON COUNTY:**

- 1878, J. B. Conover, Kilbourne.
- 1878, E. J. Bowser, Bishop's Station.
- 1878, J. M. Rugles, Havana.
- 1882, Wm. M. Duffy, San Jose.
- 1884, Charles A. Gore, Kilbourne.

**MASSAC COUNTY:**

- 1882, J. R. Wetherill, Metropolis.
- 1883, Jno. Brady, Pellonia.
- 1880, C. W. Williams, Massac Creek.
- 1878, L. W. Copeland, Joppa.
- 1882, A. A. Austin, Joppa.
- 1882, T. S. Morgan, New Columbia.

**MCDONOUGH COUNTY:**

- 1878, James N. Devore, Bushnell.
- 1878, Samuel Frost, Macomb.
- 1878, W. H. Green, Bardolph.
- 1878, John B. Isom, Blandinsville.

**McHENRY COUNTY:**

- 1878, E. H. Seward, Marengo.
- 1878, James Crow, Crystal Lake.
- 1878, Sidney Disbrow, Alden.
- 1878, T. McD. Richards, Woodstock.
- 1882, Richard Wray, Richmond.
- 1882, D. A. Potter, Richmond.

**McLEAN COUNTY:**

- 1879, C. N. Vandervoort, Randolph.
- 1878, John A. Ewins, Danvers.
- 1878, Nelson Jones, Towanda.
- 1878, Wm. H. Oglevee, Heyworth.
- 1878, Sylvester Peasley, Downs.
- 1878, Daniel McFarland, McLean.
- 1882, D. F. Trimmer, Lexington.

**MENARD COUNTY:**

- 1878, Thomas Kincaid, Athens.
- 1878, John F. Fulton, Petersburg.
- 1884, C. J. McDoel, Atterberry.
- 1884, W. P. Green, Tallula.
- 1884, Alex. Montgomery, Greenview.

**MERCER COUNTY:**

- 1878, Josiah Candor, Hamlet.
- 1882, Joshua Cabeen, Aledo.
- 1878, Dan. W. Sedwick, Suez.
- 1878, Joseph U. David, New Windsor.
- 1882, David A. Clark, Preemption.

**MONROE COUNTY:**

- 1881, John McCormick, Harrisonville.
- 1878, George Frick, Hecker.
- 1879, Bennett James, Mitchie.
- 1880, J. Chewing, Renault.

**MONTGOMERY COUNTY:**

- 1878, E. W. Miller, Raymond.
- 1882, Geo. W. Brown, Jr., Butler.
- 1882, J. B. Pocock, Nokomis.
- 1878, W. F. Hicks, Raymond.
- 1881, E. H. Donaldson, Nokomis.
- 1881, A. T. Strange, Walshville.
- 1882, W. K. Jackson, Hillsboro.

**MORGAN COUNTY:**

- 1878, James C. Fairbank, Concord.
- 1878, S. S. Dewees, Alexander.
- 1878, John Gordon, Jacksonville.
- 1878, R. C. Curtis, Waverly.
- 1883, J. G. Bush, Murrayville.

**MOULTRIE COUNTY:**

- 1878, B. R. Cole, Sullivan.
- 1878, Wm. Kirkwood, Sullivan.
- 1880, G. W. Vaughn, Sullivan.
- 1878, F. M. Porter, Lovington.
- 1878, John Bowers, Williamsburg.
- 1878, J. Bicknell, Lovington.
- 1884, J. P. Glascock, Gays.

**OGLE COUNTY:**

- 1879, J. A. Atwood, Stillman Valley.
- 1878, A. D. Clark, Kyte River.
- 1878, W. B. Derrick, Baileyville.
- 1882, T. S. Roberts, Monroe Center.

**PEORIA COUNTY:**

- 1881, C. C. Wood, Peoria.
- 1883, S. D. Kemp, Elmwood.
- 1879, Joseph Gallup, Chillicothe.
- 1880, R. C. Davis, French Grove.
- 1882, W. E. Elliott, Monica.

**PERRY COUNTY:**

- 1878, Alex. P. Baird, Four Mile.
- 1878, H. L. Burbank, DuQuoin.
- 1878, J. C. Kinzie, Tamaroa.
- 1879, James Ervin, Coulterville, Randolph county.
- 1883, J. C. Blair, Cutler.
- 1882, C. S. Norton, Tamaroa.

**PIATT COUNTY:**

- 1879, D. W. Smith, Farmer City, DeWitt county.
- 1879, Ezra Marquis, Sr., Deland.
- 1879, John W. C. Gray, Atwood.
- 1879, John H. Murphy, Bement.
- 1884, Vinton Garrett, Atwood.

**PIKE COUNTY:**

- 1878, J. O. Bolin, Milton.
- 1880, C. B. Dustin, Sumner Hill.
- 1878, W. R. Wills, Pittsfield.
- 1882, L. W. McMahan, Griggsville.
- 1881, Edward Whittleton, Barry.

**POPE COUNTY:**

- 1878, J. E. Y. Hanna, Golconda.
- 1882, John A. Stalions, Colorado.

**PULASKI COUNTY:**

- 1878, H. C. Fearnside, Villa Ridge.
- 1879, J. H. Crain, Junction.
- 1880, W. A. Hight, Wetang.
- 1880, W. R. Crain, Junction.

**PUTNAM COUNTY:**

- 1878, W. Durlay, Hennepin.
- 1878, Joshua L. Mills, Mt. Palatine.
- 1879, Geo. N. Hayslip, Granville.
- 1880, W. S. Borley, Cottage Hill.
- 1884, Geo. Longman, Jr., Putnam.

**RANDOLPH COUNTY:**

- 1881, J. B. Mathews, Marissa, St. Clair county.
- 1878, J. G. Eliff, Prairie du Rocher.
- 1878, Hugh Easdale, Tilden.
- 1878, S. W. McKelvey, Sparta.
- 1884, James Erwin, Coulterville.

**RICHLAND COUNTY:**

- 1878, R. C. Morris, Olney.
- 1878, S. M. Thompson, Parkersburg.
- 1879, John Camp, Claremont.
- 1881, J. Slate, Noble.
- 1881, R. C. Lough, Noble.
- 1882, Thos. T. Taylor, Noble.

**ROCK ISLAND COUNTY:**

- 1878, Jesse S. Daily, Cordova.
- 1878, John Buffum, Andalusia.
- 1878, Fred. Osborn, Osborn.
- 1882, R. D. McCreery, Coal Valley.
- 1878, James Taylor, Taylor Ridge.
- 1882, Thos. Campbell, Rock Island.

**SALINE COUNTY:**

- 1878, W. M. Joyner, Stone Fort.
- 1878, M. W. Willis, Eldorado.
- 1881, W. Roark, Harrisburg.

**SANGAMON COUNTY:**

- 1880, A. A. Pickrell, Mechanicsburg.
- 1881, R. S. McGinnis, Loami.
- 1878, George P. Weber, Pawnee.
- 1881, James A. Stone, Bradfordton.

**SCHUYLER COUNTY:**

- 1878, R. C. Noyes, Camden.
- 1879, Simon Doyle, Rushville.
- 1882, S. S. Smith, Rushville.
- 1883, D. H. Wheat, Littleton,

**SCOTT COUNTY:**

- 1878, Henry L. Gordon, Winchester.
- 1878, J. M. Leighton, Manchester,
- 1878, Henry Miner, Winchester.
- 1880, J. B. Mays, Merritt.
- 1882, S. Barnes, Manchester.
- 1884, G. B. Straight, Merritt.

**SHELBY COUNTY:**

- 1878, John Turner, Todd's Point.
- 1878, E. A. McCracken, Lakewood.
- 1878, L. H. Turner, Strasburg.
- 1880, Edward Roessler, Shelbyville.

**STARK COUNTY:**

- 1878, John Lackie, Osceola.
- 1878, H. H. Oliver, Toulon.
- 1878, William Nowlan, Lafayette.
- 1878, J. M. Thomas, Wyoming.
- 1878, J. H. Anthony, West Jersey.
- 1882, Benjamin Turner, Toulon.
- 1884, N. R. Piper, Wyoming.

**ST. CLAIR COUNTY:**

- 1878, D. F. Miller, Belleville.
- 1878, Jacob Gundlach, Belleville.
- 1882, Peter Seibert, Fayetteville.
- 1882, B. I. Van Court, O'Fallon.
- 1882, Geo. C. Eisenmayer, Mascoutah.

**STEPHENSON COUNTY:**

- 1878, Giles Turneaure, Freeport.
- 1878, F. B. Walker, Dakota.
- 1878, C. H. Rosenstiel, Freeport.
- 1878, Hiram Snyder, Lena.
- 1882, Daniel Musser, Orangeville.
- 1882, A. M. Durkee, Howardsville.

**TAZEWELL COUNTY:**

- 1878, M. W. Messinger, Morton.
- 1879, J. B. Allen, Delavan.
- 1878, Geo. W. Manier, Minier.
- 1878, D. Sapp, Pekin.
- 1880, E. D. Worstall, Green Valley.
- 1882, P. E. Ripper, Sands.
- 1884, A. J. Davis, Tremont.

**UNION COUNTY:**

- 1879, W. J. Willard, Jonesboro.
- 1881, G. W. Cline, Anna.
- 1881, Willis Cauble, Alto Pass.
- 1884, W. F. Hopkins, Jonesboro.

**VERMILION COUNTY:**

- 1878, Fred. Tilton, Rossville.
- 1878, Robert Barnett, Indianola.
- 1878, J. H. Oakwood, Catlin.
- 1879, Thomas Armstrong, Rossville.

**WABASH COUNTY:**

- 1878, John F. Harrington, Allendale.
- 1878, John W. Habberton, Mt. Carmel.
- 1878, Joseph Litherland, Allendale.
- 1878, M. L. Tilton, Mt. Carmel.
- 1878, Thomas Riggs, Maud.
- 1883, Jacob Seiler, Mt. Carmel.

**WARREN COUNTY:**

- 1878, Henry Tubbs, Kirkwood.
- 1878, D. C. Graham, Cameron.
- 1878, J. D. Porter, Alexis.
- 1878, John A. Gordon, Roseville.
- 1880, A. J. Bruner, Garland.
- 1883, N. A. Rankin, Monmouth.

**WASHINGTON COUNTY:**

- 1881, Augustus Stände, Okawville.
- 1878, William C. Spencer, Nashville.
- 1878, H. H. Meyer, Stone Church.
- 1882, W. W. Hutchings, Nashville.

**WAYNE COUNTY:**

- 1878, Henry Kramer, Mount Erie.
- 1878, John Wilson, Fairfield.
- 1878, L. M. Cisne, Cisne.
- 1878, A. M. Cabie, Boyleston.
- 1883, Oliver Holmes, Fairfield.

**WHITE COUNTY:**

- 1878, Ezekiel Hunsinger, Burnt Prairie.
- 1878, Nathan Caley, Enfield.
- 1880, J. W. McHenry, Carmi.
- 1878, Boone Kershaw, Grayville.

**WHITESIDE COUNTY:**

- 1878, L. S. Pennington, Sterling.
- 1880, Geo. B. Quigley, Sterling.
- 1883, D. N. Foster, Sterling.

**WILL COUNTY:**

- 1878, Jacob Smith, Lockport.
- 1878, J. N. Fryer, Chanuahon.
- 1878, C. A. Westgate, Peotone.
- 1879, Jerome Fisher, DuPage.
- 1880, Samuel G. Nelson, Wallingford.
- 1882, J. O. Piepinbrink, Crete.

**WILLIAMSON COUNTY:**

- 1878, S. M. Mitchell, Corinth.
- 1878, D. R. Harrison, Herrin's Prairie.
- 1878, Geo. W. Davis, Crab Orchard.
- 1882, G. W. Chitty, Wolf Creek.
- 1882, H. M. Richart, Carterville.
- 1878, James M. Washburn, Carterville.

**WINNEBAGO COUNTY:**

- 1878, J. H. Kirk, Rockford.
- 1878, H. J. Rolason, Durand Station.
- 1878, Webster Osborn, Winnebago.
- 1878, Wm. Atkinson, Harrison.
- 1882, R. H. Saunders, Pecatonica.

**WOODFORD COUNTY:**

- 1880, C. M. Stephenson, Secor.
- 1882, J. H. Brown, Minonk.
- 1882, James W. Robeson, Secor.

Correspondents are requested to report any errors in Names and Postoffices.



## METEOROLOGICAL OBSERVERS, 1884.

Counties.	Name.	Residence.
Alexander .....	William H. Ray.....	Cairo .....
Bond .....	J. B. White.....	Greenville .....
Boone .....	G. B. Moss.....	Belvidere.....
Christian .....	J. K. Eberle.....	Pana.....
Coles .....	William Dozier.....	Mattoon .....
Cook .....	T. B. Jennings.....	Chicago .....
Crawford .....	John E. Templeton.....	Palestine.....
DeKalb .....	Roswell Dow.....	Sycamore .....
Hamilton .....	W. P. Gibbs.....	McLeansboro.....
Kane .....	M. M. Robbins.....	Aurora .....
Lee .....	Mathias Schick.....	Prairieville .....
Logan .....	R. W. Burt.....	Atlanta.....
Macoupin .....	F. C. Zimmerman.....	Bunker Hill.....
Madison .....	J. L. R. Wadsworth.....	Collinsville .....
Marion .....	J. L. Hallam.....	Centralia .....
McHenry .....	John W. James.....	Marengo .....
Menard .....	J. D. Whitley.....	Petersburg.....
Ogle .....	A. B. Sweeney.....	Polo .....
Peoria .....	Fred. Brendel.....	Peoria .....
Perry .....	J. C. Elliott.....	Swanwick.....
Pike .....	A. Monroe.....	Griggsville.....
Pope .....	J. E. Y. Hanna.....	Golconda .....
Rock Island.....	D. W. Flagler.....	Rock Island.....
Sangamon .....	William Norrington.....	Springfield.....
Stark .....	O. A. Blanchard.....	Elmira .....
St. Clair .....	George Leibrock.....	Mascoutah.....
Union .....	John D. Newbegin.....	Anna .....
Warren .....	Smith & Dunbar.....	Monmouth.....
Whiteside .....	S. A. Maxwell.....	Morrison.....
Will .....	H. N. Renfrew.....	Wilton Center.....
Winnebago .....	T. D. Robertson.....	Rockford.....

## MORTUARY LIST.

1884.

The following correspondents died in 1884:

<i>Name.</i>	<i>Place.</i>	<i>County.</i>
William J. Milford...	Hodge's Park.....	Alexander.....
Severe Marchildon..	Thebes.....	Alexander.....
Samuel Park.....	Marshall.....	Clark.....
William Pierce .....	Verona .....	Grundy.....
Henry Truitt.....	Chillicothe.....	Peoria.....
R. T. Calvin.....	Olmsted.....	Pulaski.....
Lawrence Guinn.....	Russellville .....	Lawrence.....

## MISCELLANEOUS NOTES ON FARM INSECTS.

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In the transactions of the State Horticultural Society, I have published a sketch of the season's work on insects injurious to horticulture, and give here a few notes of our recent observations on some of the most interesting species injurious to farm crops.

In farm and garden the year has been unmarked by any extraordinary outbreak of injurious insects, and the crops have been allowed to mature with the sacrifice of even a smaller percentage than usual to their entomological enemies. From the corn fields a few of the common corn leaf rollers were bred to maturity and their species ascertained, the most abundant of them being the two species known as the *sulphur leaf-roller* (*Dichelia sulphureana*) and another, which in the east has received the name of the "red-banded cranberry moth" (*Lophodeus trifuana*). This latter is a possible dangerous enemy to corn, as in fields of cranberries it has occasionally multiplied to an extent to inflict serious damage upon this crop.

An important corn insect, here mentioned for the first time, was found in June, throughout Central Illinois, both this year and last, working upon the stalk of the young corn beneath the ground, just above the root, and occasionally doing great damage. It has the general appearance of a cutworm, but it belongs to a different family, has very different habits, and makes a different attack upon the plant, gnawing the surface of the stalk and working upwards, but rarely cutting it off.

It is a pale reddish larva, set with a few long bristly hairs, and lurks in a nest formed of particles of dirt webbed together near the base of the stalk. Owing to this peculiar habit, I have given it the name of the *dirt web worm*. Larvae taken late in May emerged, July 22, as gray moths, with the wings dusted and obscurely banded with cinnamon. The species has been described in M. S. by Prof. Fernald as *Crambus zeellus*. Too little is as yet known of its life history to warrant suggestion of remedies. A small mite was found to attack the pupae in the earth, and one of the predaceous beetles common in infested corn fields (*Pterostichus sayi*) devours the web worms themselves.

The corn root worm, so often treated in the publications from this office, has continued its ravages whenever the practice of rotation of crops; which I have again and again recommended, has not been generally followed. Fields were found in Fulton county last autumn, in which, without any other apparent cause than the presence of this insect, the yield had rapidly dwindled from sixty or seventy to six or eight bushels per acre.

In extreme Northern Illinois, I detected, in July, the notorious wheat midge (probably the most destructive of wheat insects) in fields of spring wheat then just ready for harvest. Considerable damage has been done to here and there a field in that vicinity.

The Hessian fly, so destructive last year throughout Southern Illinois, was so far decimated by the parasites and by the long drouth and extreme heat of summer, that I have not encountered it in destructive numbers except in Clark county, in Eastern Illinois, in localities where it did not last year prevail. Continuous collecting, field observations, and breeding experiments kept up from April 1 to August 1, demonstrate that a large proportion of the flax seeds of the second brood of this insect develop the fly before harvest—a fact of great importance as related to methods of control. The species has been heretofore supposed to pass the midsummer as a flax seed in the straw and stubble where



it was possible to destroy it, but our observations show that midsummer measures cannot be depended on, since many, if not most of the flies will have escaped before such measures could be applied. We find ourselves driven back, consequently, upon late sowing and other autumnal remedies as our only resource against this species.

The wheat bulb worm, an outbreak of which occurred two years ago in Fulton county, has not been found seriously injurious since, except in fields of rye this fall, in central McLean county.

In autumn, in fields of fall wheat, occurred a sudden irruption of a caterpillar which had not attracted attention in Illinois for more than a dozen years. This species, almost universally mistaken by farmers for the army worm, was the *grass worm* (*Laphygma frugiperda*), sometimes called also the *fall army worm*. It ate to the ground large tracts of winter wheat, and where these areas were not resown, the ground still remains bare. The larvae went into the earth in October, and most of them are passing the winter in the pupa stage.

The wheat straw worm (*Irasoma tritici*) still remains a growing evil where winter wheat is raised, and an additional species of very similar habit called the *greater wheat straw worm* (*Irasoma grandis*) was re-discovered by us this year in Central and Eastern Illinois.

Two new mites decidedly injurious to clover were observed in McLean county, in July.

An especially destructive cabbage worm, which bores the heads of cabbage from side to side, was proved to be one of the common cut-worms (*Ogrotis c-nigrum*).

Among shade and forest trees, the event of the year was the enormous development of the soft maple bark louse (*Pulvinaria innumerabilis*), which occurred in myriads everywhere throughout the State. Our numerous and elaborate experiments show that this louse may be destroyed by spraying the trees with a kerosene emulsion containing 2 or 3 per cent. of kerosene, or with a solution of whale oil soap,  $\frac{1}{4}$  or  $\frac{1}{2}$  a pound to a gallon of water. From the relatively small number of its parasites which appeared this year, this pest is likely to be more destructive next season than this.

The very general destruction of the common white elm (*Ulmus americana*), noticed in cities and towns throughout Central Illinois, proved to be due to the elm tree borer (*Saperda tridentata*), an insect whose ravages can be arrested only by cutting and burning the affected trees in autumn or winter. If left until May or June, the adult beetles in which the borers result, escape from the trees and stock adjacent trees.

During the coming season very especial attention will be given to insects affecting corn, especially to those which attack the kernel in the ground, or the plant while young, it being my purpose to publish in my next report as State Entomologist of Illinois, a complete monograph of insects injurious to this crop, embodying all the facts hitherto known upon the subject and all which we ourselves have ascertained during the last few years or may acquire this year. To this end I have especially and urgently to request of all to whom this article may come, that they will use their opportunities to send information to the office respecting corn insects, old as well as new. Even upon those best known additional observations are much to be desired, and no small amount of experimental work remains yet to be done.

S. A. FORBES,

State Entomologist.

CHAMPAIGN, ILL., March 17, 1885.

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# PREMIUM LIST

FOR THE

THIRTY-SECOND ANNUAL

# ILLINOIS STATE FAIR

TO BE HELD AT

CHICAGO, SEPTEMBER 8-13,

1884.

ALSO, AMERICAN FAT-STOCK SHOW AT EXPOSITION BUILDING,  
CHICAGO, NOVEMBER 11-20, UNDER THE AUSPICES OF THE  
STATE BOARD OF AGRICULTURE.

COMPETITION OPEN TO THE WORLD.

EXCEPT AS NOTED.

READ THE RULES AND REGULATIONS.

BRING THIS LIST WITH YOU TO THE FAIR.

ENTRIES MAY BE MADE BY LETTER AFTER  
AUGUST 1, AT SPRINGFIELD.

SPRINGFIELD:

H. W. ROKKER, STATE PRINTER AND BINDER.

1884.

# RAILROAD ARRANGEMENTS.

## STATE FAIR 1884.

Chicago & Alton.....	}
1Chicago, Rock Island & Pacific.....	
1Chicago, Burlington & Quincy.....	
2Chicago & Northwestern.....	
Chicago & Eastern Illinois.....	
Chicago & Iowa.....	
Illinois Central.....	
3Wabash, St. Louis & Pacific.....	
Louisville, New Albany & Chicago.....	
2Chicago, Milwaukee & St. Paul.....	
3Cincin., Indianapolis, St. L. & Chicago.....	}
Chicago, St. Louis & Western.....	
4Peoria, Decatur & Evansville.....	

\*Passengers, one and one-third fare for the round trip. Freight will be charged full fare to Chicago, and must be prepaid, when it will be returned free to points on this line whence shipped, on certificate of the Secretary that the same has been on exhibition, and has not changed ownership.

\*Passenger Arrangements cover points in Illinois only, unless otherwise stated.

Baltimore & Ohio.....	}
Chicago & Atlantic.....	
Chicago & Grand Trunk.....	
Chicago, St. Louis & Pittsburg.....	
Lake Shore & Michigan Southern.....	
Michigan Central.....	
New York, Chicago & St. Louis.....	
Pittsburgh, Ft. Wayne & Chicago.....	

Passengers, one fare for the round trip (distance limited to 175 miles.) Freight will be charged full local tariff rates to Chicago, and returned free to points on this line whence shipped, on certificate of the Secretary that the same has been on exhibition, and has not changed ownership. Freight arrangement covers a distance of 275 miles East of Chicago.

- 1Freight arrangement covers points in Illinois and Iowa.
  - 2Freight arrangement covers points in Illinois, Iowa, Wisconsin, Minnesota and Dakota.
  - 3Freight arrangement covers all points on its line.
  - 4Freight arrangement covers only points south of Mattoon.
- \$Passenger rate is from Lafayette and stations north. Freight rule applies to all points on the line.
- Freight should be prepaid at the station whence shipped, and a receipted bill taken for the same, which should be CERTIFIED BY THE SECRETARY, ON THE GROUNDS, as early as Thursday of the Fair.

### TERMINAL FREIGHT CHARGES.

Freight for the Fair should be billed to the State Fair Grounds, Chicago, care Chicago, Burlington and Quincy Railroad. The charges for transfer to and from the Fair Grounds will be \$2.00 per car each way.

### TERMINAL EXPRESS CHARGES.

Brink's Chicago City Express Co. will receive goods sent by any express company to Chicago to their care, and will deliver the same with dispatch, at the Fair Grounds, charging as follows: For packages or small boxes not exceeding 50 pounds weight, 25 cents; for barrels, trunks, boxes, sacks, or medium size crates, not exceeding 200 pounds, 50 cents; and bulkier articles at reasonable rates. Office 65 Washington street.

### FACILITIES FOR REACHING THE GROUNDS.

The facilities for reaching the Fair Grounds from any part of the city are ample and rapid, and the cost of transportation low.

The Chicago, Burlington & Quincy Railroad will run trains to and from the Fair Grounds as follows: First train will leave the Union Depot, corner Madison and Canal streets, at 8:30 A. M., and run every half hour until evening. First train will leave the Fair Grounds at 9:15 A. M., and every half hour during the day until 6 P. M. Time from Union Depot to Fair Grounds, 25 minutes. Fare, 15 cents. These trains run direct to the Club House and Grand Stand.

The Chicago & Northwestern Road will stop all its trains near the Fair Grounds.

The Madison Street cars will convey passengers direct to the Entrance Gate.

The Randolph and Lake Street Cars will deliver passengers within three blocks of the Main Entrance Gate.

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# The Thirty-Second Annual Illinois State Fair.

1884.

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The Illinois State Fair for 1884 will be held, as in 1883, at Chicago, upon the extensive and finely improved grounds of the Chicago Jockey Club, in the western part of the city, adjoining Garfield Park.

The numerous railroad lines centering in Chicago bring all parts of this and surrounding States in a few hours' ride of the Illinois State Fair, and the inducements offered to visitors and exhibitors are liberal and the facilities sufficiently ample to meet all demands.

An abundant supply of water will be furnished at convenient points on the grounds.

The list has been carefully revised, and the liberal amounts heretofore offered largely increased. Attractive prizes are offered for tests of speed.

The early indications concerning the extent and quality of the exhibition at the Illinois State Fair for 1884 promise an unusually large and fine display of live stock, farm products, implements and other articles usually displayed at an Agricultural and Industrial Exposition.

The prominence of Chicago as the great railroad centre, with a trade in meat, breadstuffs, lumber and manufactured articles second to no city on the continent, ensures a spirit of enterprise sufficient to make the Thirty-Second Annual Illinois State Fair a success beyond comparison.

Prominent and influential citizens of Chicago are making every possible effort to give the next State Fair a national character, and the assured attractions and completeness of the exhibition in the several departments will be creditable to the irrepressible spirit that has characterized all the enterprizes of the city.

Editors and reporters will report to the Superintendent of the Press Department, who will extend the usual courtesies, and assist them in gaining such information as will be of interest to the public.

Free lectures will be given through the week by writers of recognized ability. For full particulars, see programme.

A cordial invitation to attend the Fair is extended to representatives of kindred State organizations, who are requested to report to the President, that they may receive suitable attention.

A package of this Premium List will be sent for distribution to each Agricultural Society in the State. In counties having no Agricultural Organization, the Lists will be sent to the County Clerks for distribution.

A show of Fat Stock will be held in the Exposition Building, Chicago, November 11-20, under the auspices of the Board. See list of prizes published herewith.

Copies of the List may be had upon personal application to any member of the Board, or by addressing the undersigned, at Springfield.

Please keep your Premium List, and take it with you to the Fair.

S. D. FISHER,  
*Secretary State Board of Agriculture.*

## ELECTION OF STATE BOARD OF AGRICULTURE.

(Extract from By-Laws.)

### SECTION I.—OFFICERS.

The officers of this Board shall be a President, and one Vice-President from each Congressional District in the State. \* \* \*

### SECTION II.—ELECTIONS.

An election for a State Board of Agriculture, by a convention of delegates, shall be held upon the State Fair Grounds, at 2 o'clock P. M., on Wednesday of the State Fair in 1884, and biennially thereafter, at such place upon the Fair Grounds as the President may designate. Said delegates or alternates shall be chosen by the several agricultural societies, in counties where said societies exist, as follows: In counties having only one agricultural society, such society may appoint three delegates; in counties having two agricultural societies, each society may appoint one delegate, who shall be entitled to one and one-half votes; in counties having three agricultural societies, each society may appoint one delegate; and in case either society shall neglect or refuse to appoint such delegate, the delegate or delegates appointed shall be entitled to cast the full vote of the county; and in counties where no agricultural society exists, the delegates and alternates may be appointed by the Board of Supervisors or County Board, as the case may be; each county to be entitled to three votes, and no more, and each agricultural society shall be accredited to that county in which its Fair Grounds, or the greater part thereof, shall be located.

The delegates, alternates, or their written proxies, voting at the convention of delegates for the election of members of the State Board of Agriculture, shall, in all cases, be residents of the several counties covered by the organizations they respectively represent, and shall produce, at the time of the election, the certificate of their appointment from the President or Secretary of their respective societies, or the proper county officer.

On or before 12 o'clock, noon, on Wednesday of the Annual Illinois State Fair, for the year 1884, and biennially thereafter, each agricultural society shall report to the Secretary of the State Board of Agriculture, at the Fair Grounds, the names of the delegate or delegates from such agricultural society entitled to vote at the election for a State Board of Agriculture; and the Secretary shall prepare and report to the convention of delegates, immediately upon the organization of the same, and before any other business is done, the counties in which agricultural societies have been organized, and reported to him on or before the first day of September of that year; and also the names of the delegates reported to him as herein provided. The persons so appointed as delegates, alternates or their proxies, and delegates and alternates appointed by boards of supervisors or county boards, as provided by law, or their proxies, and no others, shall be entitled to vote at any election for a State Board of Agriculture.

## CONGRESSIONAL DISTRICTS IN ILLINOIS.

*First District*—The First, Second, Third and Fourth wards in the city of Chicago, and the towns of Riverside, Hyde Park, Lake, Lyons, Calumet, Worth, Palos, Lemont, Thornton, Bremen, Orland, Bloom and Rich, in the county of Cook.

*Second District*—The Fifth, Sixth and Seventh wards in the city of Chicago, and that part of the Eighth ward in the city of Chicago which is south of the center of Polk street and the center of Macalester Place.

*Third District*—The Ninth, Tenth, Eleventh, Twelfth, Thirteenth and Fourteenth wards in the city of Chicago, and that part of the Eighth ward in the city of Chicago which is north of the center of Polk street and the center of Macalester Place.

*Fourth District*—The Fifteenth, Sixteenth, Seventeenth and Eighteenth wards in the city of Chicago, and the towns of Lake View, Jefferson, Leyden, Norwood Park, Evanston, Niles, Maine, Elk Grove, Schaumburg, Hanover, New Trier, Northfield, Wheeling, Palatine, Barrington, Cicero and Proviso, in the county of Cook.

*Fifth District*—Lake, McHenry, Boone, DeKalb and Kane.

*Sixth District*—Winnebago, Stephenson, JoDavies, Ogle and Carroll.

*Seventh District*—Lee, Whiteside, Henry, Bureau and Putnam.

*Eighth District*—LaSalle, Kendall, Grundy, Will and DuPage.

*Ninth District*—Kankakee, Iroquois, Ford, Livingston, Woodford and Marshall.

*Tenth District*—Peoria, Knox, Stark and Fulton.

*Eleventh District*—Rock Island, Mercer, Henderson, Warren, Hancock, McDonough and Schuyler.

*Twelfth District*—Cass, Brown, Adams, Pike, Scott, Greene, Jersey and Calhoun.

*Thirteenth District*—Tazewell, Mason, Menard, Sangamon, Morgan and Christian.

*Fourteenth District*—McLean, DeWitt, Piatt, Macon and Logan.

*Fifteenth District*—Coles, Edgar, Douglas, Vermilion and Champaign.

*Sixteenth District*—Cumberland, Clark, Jasper, Crawford, Clay, Richland, Lawrence, Wayne, Edwards and Wabash.

*Seventeenth District*—Macoupin, Montgomery, Shelby, Moultrie, Effingham and Fayette.

*Eighteenth District*—Bond, Madison, St. Clair, Monroe and Washington.

*Nineteenth District*—Marion, Clinton, Jefferson, Franklin, Hamilton, White, Saline, Gallatin and Hardin.

*Twentieth District*—Perry, Randolph, Jackson, Williamson, Union, Johnson, Pope, Alexander, Pulaski and Massac.



## MEMBERS

OF THE

## ILLINOIS STATE BOARD OF AGRICULTURE,

For 1883-84.

<i>President</i> .....	JOHN LANDRIGAN.....	Albion
<i>Ex-President</i> .....	J. R. SCOTT.....	Champaign
<i>Secretary</i> .....	S. D. FISHER.....	Springfield
<i>Treasurer</i> .....	JOHN W. BUNN.....	Springfield
<i>Chief Clerk</i> .....	CHARLES F. MILLS.....	Springfield

## VICE-PRESIDENTS.

1st Dist.—J. Irving Pearce.....	Chicago	11th Dist.—E. B. David.....	Aledo
2d “ Peter Schuttler.....	Chicago	12th “ Allan C. Rush.....	Pittsfield
3d “ H. G. Savage.....	Chicago	13th “ J. W. Judy.....	Tallula
4th “ John P. Reynolds.....	Chicago	14th “ Lafayette Funk.....	Shirley
5th “ John Griffith.....	Batavia	15th “ E. E. Chester.....	Champaign
6th “ George S. Haskell.....	Rockford	16th “ Joseph Skeavington.....	Albion
7th “ Saml. Dysart.....	Franklin Grove	17th “ David Gore.....	Carlinville
8th “ E. C. Lewis.....	Ottawa	18th “ D. B. Gillham.....	Upper Alton
9th “ John Virgin.....	Fairbury	19th “ B. Pullen.....	Centralia
10th “ D. W. Vittum, Jr.....	Canton	20th “ J. M. Washburn.....	Carterville

## SUPERINTENDENTS OF DEPARTMENTS.

Class A—Cattle.....	Mr. Reynolds
Class B—Horses.....	Mr. Lewis
Class C—Sheep.....	Mr. Vittum
Class D—Hogs.....	Mr. Gore
Class E—Poultry.....	Mr. Griffith
Class F—Mechanics } Inside hall.....	Mr. Chester
} Outside hall.....	Mr. Schuttler
Class G—Farm products.....	Mr. Skeavington
Class H—Horticulture.....	Mr. Haskell
Class I—Fine Arts.....	Mr. Pearce
Class K—Textile Fabrics.....	Mr. Savage
Class L—Natural History.....	Mr. Rush
Class M—Speed.....	Mr. Lewis
Class N—Education.....	Mr. Rush
Marshal of Ring.....	Mr. Judy
Superintendent of Grounds.....	Mr. Gillham
Superintendent Forage and Stalls.....	Mr. Virgin
Superintendent Press Department.....	Mr. David
Superintendent Permits and Privileges.....	Mr. Washburn
Superintendent Purchasing Department.....	Mr. Pullen
Superintendent Gates and Tickets.....	Mr. Dysart
Auditors.....	Messrs. Funk, Pearce and David
Committee on Reception, Fair.....	Messrs. Landrigan, Scott, Gillham, Reynolds, Judy, Pearce, Washburn and Vittum
Committee on Arrangements, Fair.....	Messrs. Landrigan, Scott, Gillham, Reynolds, Vittum, Gore, Haskell, Pullen, Dysart, Washburn, Lewis, Virgin, Schuttler, Skeavington and Fisher
Committee of Arrangements, Fat Stock Show.....	Messrs. Landrigan, Gillham, Reynolds, Scott, Gore, Pullen, Dysart, Vittum, Funk, Virgin, Schuttler and Savage
Committee on Printing.....	Messrs. Savage, Dysart and Fisher
Committee on Finance.....	Messrs. Pearce, Pullen, Gore, Lewis and Chester
Committee on Crop Reports.....	Messrs. Gore, David, Skeavington and Fisher
Committee on Agricultural and Industrial Education.....	Messrs. Scott, Reynolds, Washburn, David and Rush
Committee on Museum.....	Messrs. Gillham, Scott, Haskell and Savage
Committee on Library.....	Messrs. Haskell, Rush and Fisher
Committee on Transportation.....	Messrs. Landrigan, Vittum, Judy, Schuttler, Griffith and Fisher
Jury on Pedigrees } Class A.....	Messrs. Reynolds, Dysart, Judy, Funk and Skeavington
} Class B.....	Messrs. Lewis, Virgin, Griffith, Pearce and Chester

# GENERAL RULES AND REGULATIONS

For the Fair of 1884.

MEMBERS OF THE BOARD WILL SEE THAT THESE RULES ARE  
STRICTLY ENFORCED.

1. The Fair Grounds will be open for the reception of stock and articles for exhibition on Thursday, the 4th day of September, and they should be shipped to the exhibitor or his agent; and in no case will any articles be brought upon the grounds and placed on exhibition, except by and at the expense of the owner, or his authorized agent.

2. Exhibitors of implements and machinery are requested to ship such articles as are intended for exhibition as early as possible, so as to give ample time for transportation.

3. All animals and articles entered for exhibition shall be in place in the several departments not later than 9 o'clock A. M. Tuesday, September 9, 1884.

## ENTRIES.

1. May be made by addressing the Secretary at Springfield, Illinois, and enclosing \$1.50 for *season ticket*, before the 4th day of September, at which last date the entry books will be open at the Sherman House, in the city of Chicago. Blank applications will be furnished at any time, on which to specify exhibitor's name and address, with description of the animal or article offered. No entry can be made after Saturday, September 6, at 6 P. M., unless in case of unavoidable detention, and then only on certificate of the Superintendent of the department. The following stall and pen fees will be charged, and must accompany the application for entry: For each box stall, \$2.00; for each open stall, \$1.00. Stalls will be assigned only to bona-fide exhibitors, and parties subletting stalls without permission of the Superintendent of stalls, will thereby forfeit the same, and such stalls will be subject to reassignment.

2. Each exhibitor must purchase a *season ticket* before making entries—a firm being regarded as one exhibitor. Only one member of the firm will be admitted to the grounds on the ticket which entitles the firm to compete, and in no case will such ticket be transferable.

3. Articles which are the result of mechanical or artistic skill must be entered by the artist, inventor, manufacturer or authorized agent, and to all objects of fine arts the name of the artist must be affixed, if known.

4. Articles which are the products of the soil must be entered in the name of the producer of the same.

5. Every animal must be entered for competition in the name of the owner (except when sires or dams are shown with their produce), but such names shall not appear on the entry card.

6. On the entry of each animal or article, a card will be furnished the exhibitor, specifying the class, the number of the lot, and the number of the entry, which card must remain attached to the article or animal during the exhibition, except in classes C, D and E, where the cards shall be attached to the pen or coop.

7. No animal or article will be entitled to a place on the grounds until the entry shall have been made as above, except in cases of emergency, and then at the discretion of the Superintendent of department. Any person who shall enter stock, and occupy a stall or pen therewith, and shall fail in good faith to show the same in the class entered, shall be liable to a fine of not less than \$5.00 nor more than \$25.00, and the stock so entered shall not be removed from the grounds until such fine is paid. The Superintendents of Forage, and of the Classes A, B, C and D, shall be a committee to determine whether such stock shall have been shown in good faith, and their decisions shall be final.

8. Cattle and horses must have been owned by the party in whose name they are exhibited for at least ten days before exhibition.

9. *All statements and pedigrees required must be presented to the Secretary at the time of making entry.*

10. A single animal may be exhibited as one of a herd or pair, and in sweepstakes in his or her class; but shall not otherwise be entered in more than one lot (except in lots 22, 23 and 24).

11. All State and public institutions shall be allowed to exhibit, but shall not be permitted to compete for premiums.

12. Exhibitors will at all times give the necessary personal attention to whatever they may have on exhibition, and at the close of the Fair take entire charge of the same. The hour of closing will be announced by the Marshal of the Ring.

13. Diligence will be used by the officers of the Board to prevent injury to or loss of animals or articles on exhibition; but the Board will not be responsible for any damage or loss or injury to persons that may occur.

#### AWARDING COMMITTEES.

1. Copies of this Premium List will be sent to the Secretary of each agricultural society in this State, and to each member of the awarding committees.

2. Members of awarding committees will report to the Superintendents at their respective departments at 9 o'clock A. M. of the day fixed for awarding premiums on the lots on which they respectively judge.

3. All awards shall be made by ballot, and without consultation. In case of a tie vote, or failure to obtain a majority vote necessary to an award, the Superintendent shall call in one or more judges, as may be necessary, whose votes shall be confined to the entries having received votes; the animals or herds previously voted for shall be separated from the other stock in the ring, and the premium shall be awarded to the entry first receiving a vote equal to a majority of the original committee.

4. No person shall act as judge in any lot in which he may be interested as an exhibitor, agent or employé of an exhibitor, or otherwise.

5. No animal, article or object deemed unworthy shall be awarded a premium; but no premium shall be withheld merely because there is no competition.

6. Any exhibitor attempting to interfere with the judges during their adjudication will be promptly excluded from competition.

7. Notice of protest concerning awards must be given to the Superintendent of Department before the examination by the Awarding Committee is concluded, and a written statement, setting forth the reasons for protesting, verified by affidavit, must be filed with the Secretary on the day the animal or article is exhibited. Provided, that protests will be entertained at any time thereafter, previous to or during the first two days of the next Winter meeting of the Board, if the protesting party shall state under oath that the facts upon which the protest is made were not in his possession at the time the animal or article was before the awarding committee.

In all cases where protests are made at the Fair, if the Board shall be satisfied that they were instigated by improper or malicious motives, the Board will exclude the party protesting from exhibiting for two years or more thereafter.

8. Objections to a person serving as a member of an awarding committee must be submitted to the Superintendent in writing prior to making any award, and give good and sufficient reasons therefor. Superintendents receiving such objections, if deemed worthy of consideration, shall report the same to the President, who, with the Superintendent, shall constitute a committee to fill the vacancy.

9. Any exhibitor who shall tear off a premium ribbon, or authorize another person to do so, in the presence of the awarding committee, or shall otherwise insult the awarding committee, shall forfeit the premium and be excluded from competition.

10. The judges will report only on the animals or articles entitled to premiums in the regular list. No *discretionary premiums* shall be awarded; but articles or animals which are not included in the regular list may be commended, and the recommendation, together with the reasons therefor, entered on committees' book, for action of the Board at the January meeting, 1885.

11. Symmetry, size, early maturity, and general characteristics of each of the several breeds of animals will be considered, and proper allowance made for age, feeding and other circumstances.



12. Should any doubt arise as to the regularity of entry, or any other important matter which the committee feel incompetent to decide, they shall at once report the same to the Superintendent of the department for decision.

13. Awarding committees are instructed that if they shall have good reason to believe that any exhibitor, by false entry or otherwise, attempts to deceive the committee or the public, and obtain a premium by misrepresentation, they shall report the fact at once to the Superintendent of the department, who shall report the same to the Board, who may expel such exhibitor for fraud, for at least two years.

14. Each award (and notice of protest, if any is made,) must be written in a plain, careful manner by the Superintendent, in blank page opposite the entry.

15. The books must be returned by the Superintendent of each department to the Secretary as soon as the awards in each are completed.

16. Great care must be exercised to preserve the awarding committees' books, and the awards must be entered as above, in a plain, legible manner, in the proper place, as the premiums will be paid only on these entries.

17. Superintendents will be particular to observe the following rules:

*Blue Ribbons* are designed for the first premiums.

*Red Ribbons* for second premiums.

*White Ribbons* for third premiums.

Ribbons shall be affixed at the time of the awards, on all the animals shown in the ring. Upon all other animals and articles, the several superintendents shall attach the ribbons as awarded by the committees, and they are NEVER to be affixed to articles entered as *miscellaneous*. The green and yellow ribbons are designed for miscellaneous articles, for which *no premiums can be awarded*, except by the State Board—the *Green Ribbon* for *highest* commendation, and the *Yellow Ribbon* for *high* commendation.

18. Awarding committees will consist of three persons, except in Class E, Poultry, where a single judge shall pass upon the exhibit.

19. Decisions of awarding committees will be final, and no appeal will be considered except in case of protest.

#### RULES APPLICABLE TO ANIMALS.

1. Exhibitors of animals must place their names and addresses, and the name of the particular breed to which each animal belongs, and its age, in a conspicuous place in their respective stalls or pens. It is the duty of the Superintendent of Forage and Stalls to see that this rule is enforced.

2. When on exhibition in the ring, each animal must be under halter or bridle, and in charge of the groom.

3. Straw will be furnished at convenient points on the grounds, without charge; food for stock can be purchased at market rates on the grounds. For information apply to the Superintendent of Forage. Water will be distributed at convenient points.

4. No animal, or article on exhibition, can be removed from the Grounds until the close of the Fair, except upon the written permission of the President.

5. The age of animals, except as noted, shall be determined from the date advertised for exhibiting the same in the programme of the Fair.

6. The Superintendents of Classes A, B and C shall exclude stock from competition should there be any unnecessary or embarrassing delay on the part of exhibitors in bringing animals into the show ring.

7. Animals affected by or having been exposed to any contagious disease during the thirty days next preceeding the Fair of 1884, will be excluded from the Grounds.

#### SUPERINTENDENTS OF DEPARTMENTS.

1. Each Superintendent of a Department will have the selection of his assistants, the arrangement and supervision of all articles or animals on exhibition in his department, and be responsible to the State Board for his management of the same.

2. He will afford the awarding committee every facility for examination; will affix the ribbons under the direction of the committees; shall have charge of the books; and when the awards are finished return the books to the Secretary.

3. Each Superintendent is expected to exercise great care in preserving and returning the department books, as upon the entries of awards in them, and upon no other authority, can checks for premiums be drawn.

4. It shall be the duty of each Superintendent of Department to notify the General Superintendent as to the number of policemen required in his department before September 1, 1884.

5. He shall call the attention of awarding committees to the rules and conditions governing awards.

6. It shall also be his duty, at the close of the Fair, to make to the Board a report in detail of his department, giving the general features of the same as to extent, quality, variety, etc., and to make such suggestions for improvement as shall occur to him during the Fair.

7. Superintendents of Departments, other than Live Stock, shall use their best efforts to have awards completed not later than Wednesday evening, September 10, 1884.

#### AUDITING COMMITTEE.

*All bills against the State Board must be made in detail; and all bills contracted during the Fair, or in immediate preparation therefor, must be certified by the Superintendent on whose order the service or material was furnished, and must be approved and signed by a majority of the Auditing Committee, before they can be paid by the Treasurer. All bills must be presented to the Auditing Committee within ten days after the close of the Fair or Fat Stock Show.*

#### SUPERINTENDENT PURCHASING DEPARTMENT.

Shall make, on the requisition of Superintendents, any necessary purchases of material (except forage), in connection with the State Fair and Fat Stock Show, and obtain vouchers therefor except for sums under five dollars, which may be paid upon his voucher—said voucher to give items in detail and names of parties from whom purchased. The purchasing agent shall have the custody of all the personal property of the Board used in connection with the Fair and Fat Stock Show, and at the opening of the Fair and Fat Stock Show shall issue the same upon requisitions of members of the Board. Members of the Board at the close of the Fair and Fat Stock Show will return all such property to the Superintendent of the Purchasing Department, who will turn the same over to the Secretary, taking his receipt therefor.

#### SUPERINTENDENT PERMITS AND PRIVILEGES.

1. Will sell privileges for dining halls, booths, stands, etc., for the Fair, on Thursday, August 14, 1884, at 10 o'clock A. M., on the Fair Grounds at Chicago.

2. No privileges granted for less than \$25, and payment must be made in advance for all permits issued for \$100 or less, and no permits will be granted for the sale of cheap jewelry. No peddling will be allowed on the Fair Ground.

#### SUPERINTENDENT OF GATES AND TICKETS.

The Superintendent of Gates and Tickets will have charge of the gates and ticket takers. He will also furnish the Treasurer and all Superintendents with the necessary tickets for their departments, and collect and recount the same.

#### GENERAL SUPERINTENDENT.

1. The Superintendent of the Grounds will have charge of the police and fire department and that portion of the Amphitheatre assigned to the press and invited guests, and shall assign such number of policemen to the several departments as the Superintendents may require.

2. The Superintendent will lend any assistance in his power by way of information, directions and facilities for reaching the grounds, though neither he nor the Board will be, under any circumstances, responsible for transportation. He will direct exhibitors to proper departments on the grounds, assign places for encampment, and exercise a general supervision, preserving order and decorum. He will see that a proper supply of water for drinking purposes is on the grounds and convenient of access, and will take charge of all public sales of stock or other articles during the Fair.

#### THE SUPERINTENDENT OF STALLS AND FORAGE.

Will assign stalls for cattle and horses, upon the certificate of the Secretary that the fees therefor are paid, provide the necessary supplies of forage, litter and water for stock on exhibition, and see to the proper distribution of the same.

#### MARSHAL OF THE RING.

1. The Marshal of the Ring will superintend the position and display of animals when brought into the ring; preserve order, and properly enforce the rules of the

Board in the Amphitheatre and Exhibition Ring; announce the awards, and have the care and control of the Amphitheatre, except that portion occupied by the press and invited guests.

2. No person will be allowed in the ring at the time of making the awards, except Awarding Committees, officers of the Board, persons especially invited, and grooms in charge of stock.

3. The Marshal of the Ring will exclude all persons from the immediate vicinity of stock on exhibition in the ring, except the members of the acting Awarding Committees and grooms in charge of the animals.

#### PAYMENT OF PREMIUMS.

1. Premiums will be paid in cash, except where otherwise noted. The medals will be well executed, appropriately engraved, and will be ready for delivery at the January meeting of the State Board of Agriculture, 1885.

2. After the awards are made, and the books returned to the Secretary, he will draw, and on application, deliver to those entitled to them, *Checks on the Treasurer*, for the several amounts of cash premiums.

3. These checks must be *endorsed*, as they are payable *to order*—not *to bearer*—and on presentation to the Treasurer, properly endorsed, will be paid.

4. Checks for premiums, not applied for during Fair week, will be forwarded by the Secretary, on receipt of proper instructions at any time within three months after the award. Those not applied for within that time will be forfeited to the Department of Agriculture.

#### DESIGNATION OF OFFICERS.

The Officers and Superintendents of Departments will be designated by badges with official positions engraved thereon. Assistants will wear ribbons, with department printed thereon. An Assistant Superintendent will not be allowed to wear the badge of his Superintendent except in his absence.

#### ADMISSION TO GROUNDS.

1. All persons, whether exhibitors or not, can obtain tickets of admission to the grounds at the Treasurer's office, near the entrance gate, as follows:

Season ticket, entitling the purchaser to compete for every premium and be admitted to the grounds during the Fair.....	\$1 50
Ticket admitting one person.....	50
Ticket admitting child under twelve years of age.....	25
Ticket admitting one person on horseback.....	75
Ticket admitting one or two-horse vehicle.....	50
Ticket admitting four-horse vehicle.....	1 00

Each occupant of a vehicle must be provided with an admission ticket.

2. The Superintendent of Forage and Stalls will furnish exhibitors in classes A and B with tickets permitting their assistants to remain on the grounds, but such tickets will not entitle the holder to admission at the gates. In other Departments this power is vested in the Superintendent thereof.

3. A strong and efficient police force, under the direction of the Superintendent of Grounds, assisted by a corps of detectives, will be on duty day and night.

4. No person will be permitted to remain on the grounds over night, excepting those holding complimentary or exhibitors' tickets, season tickets or permits, unless he has purchased tickets for the next day.

#### THE PRESS.

The Superintendent of this Department will provide editors and reporters with the necessary permits to the grounds, and will assist them, so far as practicable, to such information regarding the Fair as may be of interest to the public.

#### REFRESHMENTS.

1. Ample arrangements will be made for victualing all who may attend.

2. Hotels and restaurants have agreed to charge only usual rates during the Fair.

#### GUESTS.

Delegates from other State Agricultural organizations are cordially invited to attend this Fair, and are respectfully requested to report to the President, that they may receive suitable attention.



# LIST OF PREMIUMS,

For the Fair of 1884.

## CLASS A—Cattle.

JOHN P. REYNOLDS, SUPERINTENDENT.

1. Notice of protest concerning awards must be given to the Superintendent of Department before the examination of the awarding committee is concluded, and a written statement, setting forth the reasons for protesting, verified by affidavit, must be filed with the Secretary on the day the animal or article is exhibited. Provided that protests will be entertained at any time thereafter previous to or during the first two days of the next winter meeting of the Board, if the protesting party shall state under oath that the facts upon which the protest is made were not in his possession at the time the animal was before the awarding committee at the Fair.

In all cases where protests are made, if the Board shall be satisfied that they were instigated by improper or malicious motives, the Board will exclude the party protesting from exhibiting for two years or more thereafter.

2. All cattle exhibited must be in breeding condition, and evidence must be produced, if required, that they are breeders. Breeding cows must have produced a living calf within two years past.

3. All cattle must have been owned by the party in whose name they are exhibited for at least ten days before exhibition.

4. All applications for entry of thoroughbred cattle must be accompanied with name, age, and date of birth of the animal to be exhibited.

5. Pedigrees of cattle, in all cases, must be traceable to the American or Foreign Herd Books for the particular breeds to which they belong.

6. All awards shall be made by ballots, and without consultation. In case of a tie vote, or failure to obtain a majority vote necessary to an award the Superintendent shall call in one or more judges, as may be necessary, whose votes shall be confined to the entries having received votes; the animals, or herds previously voted for shall be separated from the other stock in the ring, and the premium shall be awarded to the entry first receiving a vote equal to a majority of the original committee.

7. The Superintendent shall exclude stock from competition, should there be any unnecessary or embarrassing delay on the part of exhibitors in bringing animals into the show ring.

8. All animals entered for exhibition shall be in place in the several departments not later than 9 o'clock a. m., Tuesday, September 9, 1884.

9. Entries close Saturday, September 6, 1884, at 6 o'clock p. m.

10. Animals cannot be removed until the close of the fair except upon the written permission of the President.

11. The Superintendent of Forage and Stalls will furnish exhibitors of cattle with tickets, permitting their assistants to remain on the grounds but such tickets will not entitle the holder to admission at the gate.

**Lot 1—Shorthorns.****BULLS.**

- |   |  |         |
|---|--|---------|
| 1 | Best Bull 3 years old or over.....     | \$25 00 |
|   | Second best.....                       | 15 00   |
| 2 | Best Bull 2 years old and under 3..... | 25 00   |
|   | Second best.....                       | 15 00   |
| 3 | Best Bull 1 year old and under 2.....  | 20 00   |
|   | Second best.....                       | 10 00   |
| 4 | Best Bull under 1 year old.....        | 15 00   |
|   | Second best.....                       | 10 00   |

**COWS AND HEIFERS.**

- |   |   |       |
|---|---|-------|
| 5 | Best cow 4 years old or over.....       | 25 00 |
|   | Second best.....                        | 15 00 |
| 6 | Best Cow 3 years old and under 4.....   | 25 00 |
|   | Second best.....                        | 15 00 |
| 7 | Best Cow 2 years old and under 3.....   | 20 00 |
|   | Second best.....                        | 15 00 |
| 8 | Best Heifer 1 year old and under 2..... | 20 00 |
|   | Second best.....                        | 10 00 |
| 9 | Best Heifer under 1 year old.....       | 15 00 |
|   | Second best.....                        | 10 00 |

*Awarding Committee.*

Moses Wentworth, Chicago, Cook county.  
J. Benedict, Arlington, Bureau county.  
J. B. Hauberg, Hillsdale, Rock Island county.

**Lot 2—Short Horns—Herd.**

- 10 Best Herd, to consist of Bull 2 years old or over, Cow 3 years old or over, Heifer 2 years old and under 3, Heifer 1 year old and under 2, Heifer under 1 year old....\$50 00

*Awarding Committee.*

A. Farr, Springfield, Sangamon county.  
John W. Hunter, Owaneco, Christian county.  
J. W. Moore, Mound Station, Brown county.

**Lot 3—Short Horns—Sweepstakes.**

- |    |                                   |         |
|----|-----------------------------------|---------|
| 11 | Best Bull of any age.....         | \$50 00 |
| 12 | Best Cow or Heifer of any age.... | 50 00   |

*Awarding Committee.*

P. R. Marquart, Atlanta, Logan county.  
W. B. Dodge, Waukegan, Lake county.  
E. W. Thompson, Grouse, Kane county.

**Lot 4—Herefords.****BULLS.**

- |    |  |         |
|----|--|---------|
| 13 | Best Bull 3 years old or over.....     | \$25 00 |
|    | Second best.....                       | 15 00   |
| 14 | Best Bull 2 years old and under 3..... | 25 00   |
|    | Second best.....                       | 15 00   |
| 15 | Best Bull 1 year old and under 2.....  | 20 00   |
|    | Second best.....                       | 10 00   |
| 16 | Best Bull under 1 year old.....        | 15 00   |
|    | Second best.....                       | 10 00   |

**COWS AND HEIFERS.**

- |    |  |         |
|----|--|---------|
| 17 | Best Cow 4 years old or over.....        | \$25 00 |
|    | Second best.....                         | 15 00   |
| 18 | Best Cow 3 years old and under 4.....    | 25 00   |
|    | Second best.....                         | 15 00   |
| 19 | Best Heifer 2 years old and under 3..... | 25 00   |
|    | Second best.....                         | 15 00   |
| 20 | Best Heifer 1 year old and under 2.....  | 20 00   |
|    | Second best.....                         | 10 00   |
| 21 | Best Heifer under 1 year old.....        | 15 00   |
|    | Second best.....                         | 10 00   |

*Awarding Committee.*

Isaac C. Jewell, Tuscola, Douglas county.  
Thompson Bothwell, Clay City, Clay county.

J. L. Moore, Polo, Ogle county.

**Lot 5—Herefords—Herd.**

- 22 Best Herd, to consist of Bull 2 years old or over, Cow 3 years old or over, Heifer 2 years old and under 3, Heifer 1 year old and under 2, Heifer under 1 year old.\$50 00

*Awarding Committee.*

M. F. Houston, Vandalia, Fayette county.  
H. Burch, Morrison, Whiteside county.  
Wm. Constable, Beecher, Will county.

**Lot 6—Herefords—Sweepstakes.**

- |    |                                   |         |
|----|-----------------------------------|---------|
| 23 | Best Bull of any age.....         | \$50 00 |
| 24 | Best Cow or Heifer of any age.... | 50 00   |

*Awarding Committee.*

J. H. Wilson, McLeansboro, Hamilton county.  
W. J. Miller, Belleville, St. Clair county.  
Wm. W. Gray, Chebarse, Iroquois county.

**Lot 7—Devons.****BULLS.**

- |    |  |         |
|----|--|---------|
| 25 | Best Bull 3 years old or over.....     | \$25 00 |
|    | Second best.....                       | 15 00   |
| 26 | Best Bull 2 years old and under 3..... | 25 00   |
|    | Second best.....                       | 15 00   |
| 27 | Best Bull 1 year old and under 2.....  | 20 00   |
|    | Second best.....                       | 10 00   |
| 28 | Best Bull under 1 year old.....        | 15 00   |
|    | Second best.....                       | 10 00   |

**COWS AND HEIFERS.**

- |    |  |       |
|----|--|-------|
| 29 | Best Cow 4 years old or over.....        | 25 00 |
|    | Second best.....                         | 15 00 |
| 30 | Best Cow 3 years old and under 4.....    | 25 00 |
|    | Second best.....                         | 15 00 |
| 31 | Best Heifer 2 years old and under 3..... | 25 00 |
|    | Second best.....                         | 15 00 |
| 32 | Best Heifer 1 year old and under 2.....  | 20 00 |
|    | Second best.....                         | 10 00 |
| 33 | Best Heifer under 1 year old.....        | 15 00 |
|    | Second best.....                         | 10 00 |

*Awarding Committee.*

Robert Tupper, Cartersville, Williamson county.  
D. M. Eiker, Knoxville, Knox county.  
Jno. N. Gage, Chicago, Cook county.

**Lot 8—Devons—Herd.**

- 34 Best Herd, to consist of Bull 2 years old or over, Cow 3 years old or over, Heifer 2 years old and under 3, Heifer 1 year old and under 2, Heifer under 1 year old...\$50 00

*Awarding Committee.*

E. F. Rush, Perry, Pike county.  
T. W. Beers, Kirkwood, Warren county.  
W. H. Beverly, Bement, Piatt county.

**Lot 9—Devons—Sweepstakes.**

- 35 Best Bull of any age .....\$50 00  
36 Best Cow or Heifer of any age... 50 00

*Awarding Committee.*

Thos. Bidwell, Gurnee, Lake county.  
D. C. May, Rochelle, Ogle county.  
Wash. Graft, Ashland, Cass county.

**Lot 10—Polled Angus.****BULLS.**

- 37 Best Bull 3 years old or over .....\$25 00  
    Second best..... 15 00  
38 Best Bull 2 years old and under 3 25 00  
    Second best..... 15 00  
39 Best Bull 1 year old and under 2. 20 00  
    Second best..... 10 00  
40 Best Bull under 1 year old..... 15 00  
    Second best..... 10 00

**COWS AND HEIFERS.**

- 41 Best Cow 4 years old or over..... 25 00  
    Second best..... 15 00  
42 Best Cow 3 years old and under 4 25 00  
    Second best..... 15 00  
43 Best Heifer 2 years old and under 3..... 25 00  
    Second best..... 15 00  
44 Best Heifer 1 year old and under 2..... 20 00  
    Second best..... 10 00  
45 Best Heifer under 1 year old..... 15 00  
    Second best..... 10 00

*Awarding Committee.*

J. B. Willard, Harriestown, Macon county.  
M. Robert Reat, Charleston, Coles county.  
Jno. L. Whitbeck, Belvidere, Boone county.

**Lot 11—Polled Angus—Herd.**

- 46 Best Herd, to consist of Bull 2 years old or over, Cow 3 years old or over, Heifer 2 years old and under 3, Heifer 1 year old and under 2, Heifer under 1 year old.....\$50 00

*Awarding Committee.*

Mark L. Tilton, Mt. Carmel, Wabash county.  
Robert Otley, Kewanee, Henry county.  
Lawrence McDonald, Pecatonica, Winnebago county.

**Lot 12—Polled Angus—Sweepstakes.**

- 47 Best Bull of any age .....\$50 00  
48 Best Cow or Heifer of any age... 50 00

*Awarding Committee.*

O. F. Atchinson, Levington, Moultrie county.  
J. W. Hopkins, Granville, Putnam county.  
Jeremiah Collins, Morris, Grundy county.

**Lot 13—Holsteins or Friesian.****BULLS.**

- 49 Best Bull 3 years old or over .....\$25 00  
    Second best..... 15 00  
50 Best Bull 2 years old and under 3 25 00  
    Second best..... 15 00  
51 Best Bull 1 year old and under 2. 20 00  
    Second best..... 10 00  
52 Best Bull under 1 year old..... 15 00  
    Second best ..... 10 00

**COWS AND HEIFERS.**

- 53 Best Cow 4 years old or over..... 25 00  
    Second best..... 15 00  
54 Best Cow 3 years old and under 4 25 00  
    Second best..... 15 00  
55 Best Heifer 2 years old and under 3..... 25 00  
    Second best..... 15 00  
56 Best Heifer 1 year old and under 2..... 20 00  
    Second best..... 10 00  
57 Best Heifer under 1 year old..... 15 00  
    Second best..... 10 00

*Awarding Committee.*

A. D. Jackson, Benton, Franklin county.  
Jno. M. Pearson, Godfrey, Madison county.  
B. G. Lee, Manteno, Kankakee county.

**Lot 14—Holsteins or Friesian—Herd.**

- 58 Best Herd, to consist of Bull 2 years old or over, Cow 3 years old or over, Heifer 2 years old and under 3, Heifer 1 year old and under 2, Heifer under 1 year old.....\$50 00

*Awarding Committee.*

John Bruin, Monmouth, Warren county.  
J. H. Duncan, Marion, Williamson county.  
J. H. Rice, Keithsburg, Mercer county.



**Lot 15—Holsteins or Friesian—Sweepstakes.**

- 59 Best Bull of any age .....\$50 00  
 60 Best Cow or Heifer of any age... 50 00

*Awarding Committee.*

Jos. F. Miller, Belleville, St. Clair county.  
 Dan'l Bates, Pittsfield, Pike county.  
 Joseph Tefft, Elgin, Kane county.

**Lot 16—Jerseys.****BULLS.**

- 61 Best Bull 3 years old or over.....\$25 00  
     Second best..... 15 00  
 62 Best Bull 2 years old and under 3 25 00  
     Second best..... 15 00  
 63 Best Bull 1 year old and under 2. 20 00  
     Second best..... 10 00  
 64 Best Bull under 1 year old..... 15 00  
     Second best..... 10 00

**COWS AND HEIFERS.**

- 65 Best Cow 4 years old or over..... 25 00  
     Second best..... 15 00  
 66 Best Cow 3 years old and under 4 25 00  
     Second best..... 15 00  
 67 Best Heifer 2 years old and under 3 25 00  
     Second best..... 15 00  
 68 Best Heifer 1 year old and under 2. 20 00  
     Second best..... 10 00  
 69 Best Heifer under 1 year old..... 15 00  
     Second best..... 10 00

*Awarding Committee.*

Geo. N. Gridley, Half Day, Lake county.  
 J. E. K. Herrick, Springfield, Sangamon county.  
 O. G. Dooley, Downs, McLean county.

**Lot 17—Jerseys—Herd.**

- 70 Best Herd, to consist of Bull 2 years old or over, Cow 3 years old or over, Heifer 2 years old and under 3, Heifer 1 year old and under 2, Heifer under 1 year old.....\$50 00

*Awarding Committee.*

Fred Augustus, Paris, Edgar county.  
 A. W. Sawyer, Sycamore, DeKalb county.  
 Homer Cook, Waukegan, Lake county.

**Lot 18—Jerseys—Sweepstakes.**

- 71 Best Bull of any age.....\$50 00  
 72 Best Cow or Heifer of any age... 50 00

*Awarding Committee.*

John C. White, Effingham, Effingham county.  
 Gid. Slanker, Olney, Richland county.  
 Julius Benedict, Arlington, Bureau county

**Lot 19—Ayrshires.****BULLS.**

- 73 Best Bull 3 years old or over.... \$25 00  
     Second best..... 15 00  
 74. Best Bull 2 years old and under 3 25 00  
     Second best..... 15 00  
 75 Best Bull 1 year old and under 2. 20 00  
     Second best..... 10 00  
 76 Best Bull under 1 year old..... 15 00  
     Second best..... 10 00

**COWS AND HEIFERS.**

- 77 Best Cow 4 years old or over..... 25 00  
     Second best..... 15 00  
 78 Best Cow 3 years old and under 4 25 00  
     Second best..... 15 00  
 79 Best Heifer 2 years old and under 3 25 00  
     Second best..... 15 00  
 80 Best Heifer 1 year old and under 2. 20 00  
     Second best..... 10 00  
 81 Best Heifer under 1 year old..... 15 00  
     Second best..... 10 00

*Awarding Committee.*

L. A. Gillham, Alton, Madison county.  
 S. H. Wylie, Minonk, Woodford county.  
 A. A. Klove, Leland, LaSalle county.

**Lot 20—Ayrshires—Herd.**

- 82 Best Herd, to consist of Bull 2 years old or over, Cow 3 years old or over, Heifer 2 years old and under 3, Heifer 1 year old and under 2, Heifer under 1 year old.....\$50 00

*Awarding Committee.*

Jos. Reardon, Shawneetown, Gallatin county.  
 J. M. Scurlock, Carbondale, Jackson county.  
 D. H. Gorham, Avon, Fulton county.

**Lot 21—Ayrshires—Sweepstakes.**

- 83 Best Bull of any age.....\$50 00  
 84 Best Cow or Heifer of any age... 50 00

*Awarding Committee.*

Levi Barber, Jr., Carthage, Hancock county.  
 C. P. Chapman, Pittsfield, Pike county.  
 Frank Parmalee, Chicago, Cook county.

**Lot 22—Herd—Sweepstakes.****BEEF BREEDS.**

- 85 Best Herd, to consist of Bull 2 years old or over, Cow 3 years old or over, Heifer 2 and under 3 years old, Heifer 1 and under 2 years old, Heifer under 1 year old, First premium.....\$300 00  
     Second premium..... 125 00  
     Third premium..... 75 00

*Awarding Committee.*

D. W. Smith, Bates, Sangamon county.  
 Wm. O. Sinclair, Ashland, Cass county.  
 John Chambers, Naples, Scott county.

**Lot 23—Young Herd—Sweepstakes.****BEEF BREEDS.**

86 Best Herd, to consist of Bull and 4 Heifers of same breed under 2 years of age, first premium.....	\$100 00
Second premium.....	50 00
Third premium.....	25 00

*Awarding Committee.*

C. H. Rice, Waukegan, Lake county.  
 Divine Dean, Sycamore, DeKalb county.  
 G. W. Stoner, La Place, Piatt county.

**Lot 24—Herd—Sweepstakes.****MILK BREEDS.**

87 Best Herd, to consist of Bull 2 years old or over, Cow 3 years old or over, Heifer 2 and under 3 years old, Heifer 1 and under 2 years old, Heifer under 1 year old, First premium.....	\$300 00
Second premium.....	125 00
Third premium.....	75 00

*Awarding Committee.*

J. A. Cunningham, Hoopeston, Vermilion county.  
 Jno. Briscoe, Marshall, Clark county.  
 Jas. Bayne, Warren, JoDavies county.

**CLASS B—Horses, Jacks and Mules.****E. C. LEWIS, SUPERINTENDENT.**

1. Notice of protest concerning awards must be given to the Superintendent of Department before the examination of the awarding committee is concluded, and a written statement, setting forth the reasons for protesting, verified by affidavit, must be filed with the Secretary on the day the animal or article is exhibited. Provided that protests will be entertained at any time thereafter, previous to, or during the first two days of the next winter meeting of the Board, if the protesting party shall state under oath that the facts upon which the protest is made were not in his possession at the time the animal was before the awarding committee at the Fair.

In all cases where the protests are made, if the Board shall be satisfied that they were instigated by improper or malicious motives, the Board will exclude the party protesting from exhibiting for two years or more thereafter.

2. The same animal, being otherwise eligible under the rules, may be entered and shown as one of a pair, and in sweepstakes in his or her class, but shall not otherwise be entered in more than one lot.

3. All horses must have been owned by the party in whose name they are exhibited for at least ten days before exhibition.

4. The age of horses and foals will be reckoned from January 1. All foals will be considered one year old on the first of January succeeding birth.

5. All awards shall be made by ballots, and without consultation. In case of a tie vote, or failure to obtain a majority vote necessary to an award, the Superintendent shall call in one or more judges, as may be necessary, whose votes shall be confined to the entries having received votes; the animals, or herds previously voted for shall be separated from the other stock in the ring, and the premium shall be awarded to the entry first receiving a vote equal to a majority of the original committee.

6. The Superintendent shall exclude stock from competition should there be any unnecessary or embarrassing delay on the part of exhibitors in bringing animals into the show ring.

7. Pedigrees of horses, including the draft breeds, in all cases, must be traceable to the American or Foreign Stud Books for the particular breeds to which they belong.

8. All animals entered for exhibition shall be in place in the several departments not later than 9 o'clock a. m., Tuesday, September 9, 1884.

9. Entries close Saturday, September 6, 1884, at 6 o'clock p. m.

10. Animals cannot be removed until the close of the Fair, except upon the written permission of the President.

The Superintendent of Forage and Stalls will furnish exhibitors of horses with tickets permitting their assistants to remain on the grounds, but such tickets will not entitle the holder to admission at the gates.

**Lot 25—Thoroughbred.****STALLIONS.**

88	Best Stallion 4 years old or over.	\$25 00
	Second best.	15 00
89	Best Stallion 3 years old and under 4.	20 00
	Second best.	10 00
90	Best Stallion 2 years old and under 3.	20 00
	Second best.	10 00
91	Best Stallion 1 year old and under 2.	15 00
	Second best.	10 00
92	Best Stallion Colt under 1 year old.	15 00
	Second best.	10 00

**MARES.**

93	Best Mare 4 years old or over.	25 00
	Second best.	15 00
94	Best Mare 3 years old and under 4.	20 00
	Second best.	10 00
95	Best Mare 2 years old and under 3.	20 00
	Second best.	10 00
96	Best Mare 1 year old and under 2.	15 00
	Second best.	10 00
97	Best Mare Colt under 1 year old.	15 00
	Second best.	10 00

**BREEDING RINGS.**

98	Best Brood Mare, as shown by 2 of her colts, either sex, under 4 years old.	50 00
99	Best breeding Stallion, as shown by 5 of his colts, either sex, under 4 years old.	100 00

*Awarding Committee.*

J. B. Félker, Amboy, Lee county.  
J. H. Patterson, Morris, Grundy county.  
George J. Castle, Carlinville, Macoupin county.

**Lot 26—Thoroughbred—Sweepstakes.**

Style, action and speed to be the test.

100	Best Stallion of any age.	\$100 00
101	Best Mare of any age.	50 00

*Awarding Committee.*

Jno. McConnell, Dix, Jefferson county.  
Jas. M. Roundtree, Nashville, Washington county.  
L. H. Ehric, Kankakee, Kankakee county.

**Lot 27—Roadsters.**

Speed, form and style in action shall be considered in deciding awards.  
Animals over two years old to be shown to harness.

**STALLIONS.**

102	Best Stallion 4 years old or over.	\$25 00
	Second best.	15 00
103	Best Stallion 3 years old and under 4.	20 00
	Second best.	10 00
104	Best Stallion 2 years old and under 3.	20 00
	Second best.	10 00
105	Best Stallion 1 year old and under 2.	15 00
	Second best.	10 00
106	Best Stallion Colt under 1 year old.	15 00
	Second best.	10 00

**MARES.**

107	Best Mare 4 years old or over.	25 00
	Second best.	15 00
108	Best Mare 3 years old and under 4.	20 00
	Second best.	10 00
109	Best Mare 2 years old and under 3.	20 00
	Second best.	10 00
110	Best mare 1 year old and under 2.	15 00
	Second best.	10 00
111	Best Mare Colt under 1 year old.	15 00
	Second best.	10 00

**BREEDING RINGS.**

112	Best brood Mare, as shown by 2 of her colts, either sex, under 4 years old.	50 00
113	Best breeding Stallion, as shown by 5 of his colts, either sex, under 4 years old.	100 00

*Awarding Committee.*

S. H. Sweet, 294 Prairie avenue, Chicago, Cook county.  
Sam'l W. Dunnaway, Carbondale, Jackson county.  
James W. Sumner, Gibson, Knox county.

**Lot 28—Roadsters—Sweepstakes.**

Speed, form and style in action shall be considered in deciding awards.  
Animals to be shown at option of owner.

114	Best Roadster Stallion of any age.	\$100 00
115	Best Roadster Mare of any age.	50 00

*Awarding Committee.*

W. H. Fulkerson, Jerseyville, Jersey county.  
James March, Stock Yards, Chicago, Cook county.  
W. C. Blaisdell, Macomb, McDonough county.

**Lot 29—Norman, Percheron.**

[Imported or Full Blood.]

**STALLIONS.**

116	Best Stallion 4 years old or over.	\$25 00
	Second best.	15 00
117	Best Stallion 3 years old and under 4.	20 00
	Second best.	10 00



118	Best Stallion 2 years old and under 3.....	20 00
	Second best.....	10 00
119	Best Stallion 1 year old and under 2.....	15 00
	Second best.....	10 00
120	Best Stallion Colt under 1 year old.....	15 00
	Second best.....	10 00

**MARES.**

121	Best Mare 4 years old or over.....	25 00
	Second best.....	15 00
122	Best mare 3 years old and under 4.....	20 00
	Second best.....	10 00
123	Best Mare 2 years old and under 3.....	20 00
	Second best.....	10 00
124	Best Mare 1 year old and under 2.....	15 00
	Second best.....	10 00
125	Best Mare Colt under 1 year old.....	15 00
	Second best.....	10 00

**BREEDING RINGS.**

126	Best brood Mare, as shown by 2 of her colts, either sex, under 4 years old.....	50 00
127	Best breeding Stallion, as shown by 5 of his colts, either sex, under 4 years old.....	100 00

*Awarding Committee.*

Jacob Miller, Millburn, Lake county.  
Eli Harvey, Sibley, Ford county.  
Ira Hall, Delavan, Tazewell county.

**Lot 30—Norman, Percheron, Etc.—Sweepstakes.**

[Imported or Full Blood.]

128	Best Stallion of any age.....	\$100 00
129	Best Mare of any age.....	50 00

*Awarding Committee.*

W. H. Goodwine, Goodwine, Iroquois co.  
Jas. McKee, Warrenville, DuPage county.  
S. N. King, Normal, McLean county.

**Lot 31—Clydesdale and English Draft Breeds.**

[Imported or Full Blood.]

**STALLIONS.**

130	Best Stallion 4 years old or over.....	\$25 00
	Second best.....	15 00
131	Best Stallion 3 years old and under 4.....	20 00
	Second best.....	10 00
132	Best Stallion 2 years old and under 3.....	20 00
	Second best.....	10 00
133	Best Stallion 1 year old and under 2.....	15 00

—2

134	Best Stallion Colt under 1 year old.....	\$10 00
	Second best.....	15 00

**MARES.**

135	Best Mare 4 years old or over.....	25 00
	Second best.....	15 00
136	Best Mare 3 years old and under 4.....	20 00
	Second best.....	10 00
137	Best Mare 2 years old and under 3.....	20 00
	Second best.....	10 00
138	Best Mare 1 year old and under 2.....	15 00
	Second best.....	10 00
139	Best Mare Colt under 1 year old.....	15 00
	Second best.....	10 00

**BREEDING RINGS.**

140	Best Brood Mare as shown by 2 of her colts, either sex, under 4 years old.....	50 00
141	Best Breeding Stallion as shown by 5 of his colts, either sex, under 4 years old.....	100 00

*Awarding Committee.*

Wm. Updike, Robinson, Crawford county.  
Simon Elliott, Princeton, Bureau county.  
Wm. Phelps, Holecumb, Ogle county.

**Lot 32—Clydesdale and English Draft Breeds—Sweepstakes.**

[Imported or Full Blood.]

142	Best Stallion of any age.....	\$100 00
143	Best Mare of any age.....	50 00

*Awarding Committee.*

Samuel Thomas, Virden, Macoupin co.  
Theo. Schneider, Pocahontas, Bond co.  
Simeon Lee, Mendota, Lee county.

**Lot 33—Grade Draft Horses.**

[Get of Full Blood Sires—Imported Horses Excluded.]

**STALLIONS.**

144	Best Stallion 4 years old or over.....	\$25 00
	Second best.....	15 00
145	Best Stallion 3 years old and under 4.....	20 00
	Second best.....	10 00
146	Best Stallion 2 years old and under 3.....	20 00
	Second best.....	10 00
147	Best Stallion 1 year old and under 2.....	15 00
	Second best.....	10 00
148	Best Stallion Colt under 1 year old.....	15 00
	Second best.....	10 00

**MARES.**

149	Best Mare 4 years old or over...	\$25 00
	Second best.....	15 00
150	Best Mare 3 years old and under 4.....	20 00
	Second best.....	10 00
151	Best Mare 2 years old and under 3.....	20 00
	Second best.....	10 00
152	Best Mare 1 year old and under 2.....	15 00
	Second best.....	10 00
153	Best Mare Colt under 1 year old.....	15 00
	Second best.....	10 00

**BREEDING RINGS.**

154	Best Brood Mare as shown by 2 of her colts, either sex, under 4 years old.....	50 00
155	Best Breeding Stallion as shown by 5 of his colts, either sex, under 4 years old.....	100 00

*Awarding Committee.*

Sam'l Burnside, Carlyle, Clinton county.  
Hugh Robinson, Fairbury, Livingston co.  
Henry Colwell, Toulon, Stark county.

**Lot 34—Grade Draft Horses—Sweepstakes.**

Imported horses excluded.

156	Best Stallion of any age.....	\$100 00
157	Best Mare of any age.....	50 00

*Awarding Committee.*

W. Scott Day, Jonesboro, Union county.  
J. B. Chandler, Aledo, Mercer county.  
Wm. M. Derby, cor. Prairie Ave. and 23d St., Chicago.

**Lot 35—Horses for all Work.****STALLIONS.**

158	Best Stallion 4 years old or over...	\$25 00
	Second best.....	15 00
159	Best Stallion 3 years old and under 4.....	20 00
	Second best.....	10 00
160	Best Stallion 2 years old and under 3.....	20 00
	Second best.....	10 00
161	Best Stallion 1 year old and under 2.....	15 00
	Second best.....	10 00
162	Best Stallion Colt under 1 year old.....	15 00
	Second best.....	10 00

**MARES.**

163	Best Mare 4 years old or over...	25 00
	Second best.....	15 00
164	Best Mare 3 years old and under 4.....	20 00
	Second best.....	10 00

165	Best Mare 2 years old and under 3.....	20 00
	Second best.....	10 00
166	Best Mare 1 year old and under 2.....	15 00
	Second best.....	10 00
167	Best Mare Colt under 1 year old.....	15 00
	Second best.....	10 00

**BREEDING RINGS.**

168	Best Brood Mare as shown by two of her colts, either sex, under 4 years old.....	50 00
169	Best Breeding Stallion as shown by five of his colts, either sex, under 4 years old.....	100 00

*Awarding Committee.*

Jno. Brown, South Clinton St., Chicago.  
Chas. Dunlap, Mt. Sterling, Brown county.  
R. W. Burt, Atlanta, Logan county.

**Lot 36—Horses for all Work—Sweepstakes.**

170	Best Stallion of any age.....	\$100 00
171	Best Mare of any age.....	50 00

*Awarding Committee.*

Andrew Armstrong, Beason, Logan county.  
Wm. Claypool, Sweet Water, Menard county.  
O. H. Heath, Waukegan, Lake county.

**Lot 37—Saddle Horses.**

(To be exhibited under the Saddle.)

**STALLIONS.**

172	Best Saddle Stallion 4 years old or over.....	\$20 00
	Second best.....	10 00
173	Best Saddle Stallion 3 and under 4 years old.....	20 00
	Second best.....	10 00
174	Best Saddle Stallion 2 and under 3 years old.....	20 00
	Second best.....	10 00

**MARES.**

175	Best Saddle Mare 4 years old or over.....	20 00
	Second best.....	10 00
176	Best Saddle Mare 3 and under 4 years old.....	20 00
	Second best.....	10 00
177	Best Saddle Mare 2 and under 3 years old.....	20 00
	Second best.....	10 00

**SWEEPSTAKES.**

178	Best Saddle Gelding any age...	50 00
179	Best Saddle Mare any age.....	50 00
180	Best Saddle Stallion any age.....	100 00

*Awarding Committee.*

I. N. Gibbs, Mattoon, Coles county.  
J. B. Brown, Galena, Jo Daviess county.  
Ed. McFarren, Batavia, Kane county.

**Lot 38—Carriage Horses.**

181	Best Carriage Team—shown to carriage.....	\$40 00
	Second best.....	20 00
182	Best Family Mare or Gelding—to be driven to buggy.....	20 00
	Second best.....	10 00

*Awarding Committee.*

Henry Seiter, Lebanon, St. Clair county.  
H. C. Lovett, Watseka, Iroquois county.  
Geo. W. Condrey, Oswego, Kendall county.

**Lot 39—Gentlemen's Driving Horses.**

The committee, in making awards, will consider size, style, carriage, speed and other requisites that make up the highest type of a gentleman's driving horse.

183	Best pair of Mares—to pole.....	\$40 00
	Second best.....	20 00
184	Best pair of Geldings—to pole.....	40 00
	Second best.....	20 00
185	Best single Stallion—to harness.....	40 00
	Second best.....	20 00
186	Best single Mare—to harness.....	50 00
	Second best.....	15 00
187	Best single Gelding—to harness.....	30 00
	Second best.....	15 00

*Awarding Committee.*

Sam'l J. Fleming, Effingham, Effingham county.  
A. M. Hausen, Fulton, Whiteside county.  
Jno. Mason, Wheeler, Jasper county.

**Lot 40—Jacks, Jennets and Mules.**

The Awarding Committee in Lots 40 and 41 are instructed to award no premiums to aged animals less than 14 hands high.

**JACKS.**

188	Best Jack 4 years old or over.....	\$25 00
	Second best.....	15 00
189	Best Jack 3 years old and under 4.....	25 00
	Second best.....	15 00
190	Best Jack 2 years old and under 3.....	20 00
	Second best.....	15 00
191	Best Jack 1 year old and under 2.....	15 00
	Second best.....	10 00
192	Best Jack Colt under 1 year old.....	10 00
	Second best.....	5 00

**JENNETS.**

193	Best Jennet 3 years old or over.....	\$25 00
	Second best.....	15 00
194	Best Jennet 2 years old and under 3.....	20 00
	Second best.....	15 00
195	Best Jennet 1 year old and under 2.....	15 00
	Second best.....	10 00
196	Best Jennet Colt under 1 year old.....	10 00
	Second best.....	5 00

**MULES.**

197	Best Mule 3 years old or over.....	\$15 00
	Second best.....	10 00
198	Best Mule 2 years old and under 3.....	15 00
	Second best.....	10 00
199	Best Mule 1 year old and under 2.....	15 00
	Second best.....	10 00
200	Best Mule Colt under 1 year old.....	10 00
	Second best.....	5 00

*Awarding Committee.*

J. W. Drury, Waterloo, Monroe county.  
Jno. L. Baley, Watseka, Iroquois county.  
S. B. Reed, Joliet, Will county.

**Lot 41—Jacks and Jennets—Sweepstakes.**

201	Best Jack of any age, shown with not less than 3 of his get.....	\$50 00
202	Best Jennet of any age, to be shown with 2 of her colts.....	25 00
203	Best team of Mules 3 years old or over, to be shown to farm wagon.....	25 00
	Second best.....	15 00

*Awarding Committee.*

J. B. Miller, Sr., Elizabethtown, Hardin county.  
D. R. Harrison, Herrin's Prairie, Williamson county.  
J. H. Hall, Peoria, Peoria county.

**Lot 42—Equestrianism.****BOY'S RIDING.**

To boy, not over 14 years old, displaying the best horsemanship in the saddle.

204	1st premium.....	\$10 00
	2d ".....	5 00
	3d ".....	3 00
	4th ".....	2 00
	5th ".....	1 00

*Awarding Committee.*

Wm. Potts, Jacksonville, Morgan county.  
A. F. Hollister, Port Byron, Rock Island county.  
C. E. Cheney, Chicago, Cook county.



**Lot 43—Saddle Ponies.**

Any age or sex, under 14 hands.

205	1st premium	.....	\$20 00
	2d	.....	10 00

*Awarding Committee.*

R. H. Hinman, Cambridge, Henry county.  
 T. M. Tribe, Albion, Edwards county.  
 Philip Parker, Shelbyville, Shelby county.

**Lot 44—Speed.****TROTTING RACES.**

206	One and under two years, purse,	\$500 00
207	Two and under three years, "	500 00

208	Three and under four years, purse	.....	\$500 00
209	Four and under five years, purse	.....	500 00
210	2-17 class, purse	.....	500 00
211	2-22 " "	.....	500 00
212	2-27 " "	.....	500 00
213	2-34 " "	.....	500 00
214	2-40 " "	.....	500 00
	Stallion making season in Illinois, entrance, \$25.00; citizens purse	.....	200 00
	Open to all Stallions, purse	.....	500 00

**PACING RACE.**

2-20 class, purse	.....	500 00
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**HIPPODROME RACE.**

Four races, premium	.....	250 00
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**PREMIUM AND RULES**

FOR THE

**FIRST ANNUAL SHOW**

OF THE

**AMERICAN CLYDESDALE ASSOCIATION,**

TO BE HELD AT

**Chicago, September 8-12, 1884,**

IN CONNECTION WITH THE

**ILLINOIS STATE FAIR.****RULES AND REGULATIONS.**

All stallions and mares entered for competition must be recorded in the American Clydesdale Stud-Book, and the official registry certificate of the American Clydesdale Association must accompany the application for entry.

An entry fee of 10 per cent. of the total amount of the premiums offered in each ring will be charged, and no application will be considered until said fee is paid.

No entrance fee refunded under any circumstances except at the discretion of the association.

Competition shall be open to all, but no awards shall be made except there be two or more competitors in each ring.

All animals entered in any of the rings, except the colts of stallions and mares shown in the breeding ring, must have been owned by the individual, company or association in whose name they are entered at least thirty days prior to the exhibition.

Should an animal have been admitted to competition through misrepresentation or fraud the Executive Committee, on the discovery of the same, shall declare the entry void and expel such exhibitor for fraud, and any premiums awarded animals improperly entered will be forfeited to the association.

All stallions and mares offered for competition will be examined by a committee of experts, and any unsound or unworthy animal, as well as the apparent ages of the animals, will be reported by the experts to the Executive Committee prior to the time fixed for the commencement of the work by the Awarding Committee. All questions as to age, ownership, soundness, discrepancies and protests founded upon or arising out of allegations or facts relating to competing animals must and will be definitely settled by the Executive Committee, and in all cases where practicable previous to the time fixed for the commencement of the work by the Awarding Committee.

Animals affected by any contagious disease or having been exposed within time to endanger their health or condition will not be allowed to compete.

Exhibitors will at all times give the necessary personal attention to the stock they may have on exhibition, and at the close of the fair take entire charge of and remove the same.

Premium animals will be weighed and measured at the time of the show, and report of the same given the Secretary prior to the payment of premiums.

### AWARDING COMMITTEES.

Awarding committees will consist of three expert judges, two of whom, if agreed, shall be competent to make an award. All awards shall be made by ballot, and without consultation, and any two judges failing to agree, the third shall be called to decide which of the two animals or studs voted for shall receive the premium.

Decision of awarding committee will be final and no appeal will be considered except in case of fraud. Any exhibitor attempting to interfere with the judges during their adjudications will be promptly excluded.

If the association shall be satisfied that protests were instigated by improper or malicious motives, the association will withhold any prizes awarded in consequence, also exclude the contesting party from exhibiting at future shows, at the discretion of the association.

A handsomely-engraved diploma will be given to the owner of each animal awarded a premium. Such diploma shall give the name and stud-book number of the animal, the breeder, exhibitor, as well as the character of the premium awarded.

The association will endeavor to exercise due diligence to prevent injury to persons, animals, or property, but the associations will not be responsible for any damage, loss or injury to persons, animals, or property that may occur.

Exhibitors must conform to the regulations, of the association and of the persons having charge of the horse department during the show.

### Premiums.

#### STALLIONS.

Best stallion, 4 years old and over.....	\$60
Second best.....	30
Third best.....	15
Highly commended.....	..
Commended.....	..
Best stallion, 3 years old and under 4.....	60
Second best.....	30
Third best.....	15
Highly commended.....	..
Commended.....	..
Best stallion, 2 years old and under 3.....	60
Second best.....	30
Third best.....	15
Highly commended.....	..
Commended.....	..
Best stallion, 1 year old and under 2.....	60
Second best.....	30
Third best.....	15
Highly commended.....	..
Commended.....	..
Best stallion colt under 1 year old.....	60
Second best.....	30
Third best.....	15
Highly commended.....	..
Commended.....	..

#### MARES.

Best mare 4 years old or over.....	60
Second best.....	30
Third best.....	15
Highly commended.....	..
Commended.....	..
Best mare 3 years old and under 4.....	60
Second best.....	30
Third best.....	15
Highly commended.....	..
Commended.....	..
Best mare 2 years old and under 3.....	60
Second best.....	30
Third best.....	15
Highly commended.....	..
Commended.....	..
Best mare 1 and under 2 years old.....	60
Second best.....	30
Third best.....	15
Highly commended.....	..
Commended.....	..
Best mare colt under 1 year old.....	60
Second best.....	30
Third best.....	15
Highly commended.....	..
Commended.....	..

## BREEDING RINGS.

- Best brood mare as shown by two of her colts of either sex, under four years old, gold medal, value.....\$100
- Best stallion, as shown by five of his colts, of either sex, under four years old, gold medal, value.....\$100

## CLYDESDALE STUD.

For American-bred horses—Best stud to consist of stallion over 2 years old, mare 4 years old or over, mare 3 and under 4

For further particulars, address,

CHARLES F. MILLS, SECRETARY, Springfield, Illinois.

years, mare 2 and under 3 years, mare 1 and under 2 years, mare colt under 1 year.  
First premium.....\$150  
Second premium.....100

## CLYDESDALE STUD.

For horses bred in America or Great Britain—Best stud, to consist of stallion over 2 years old, mare 4 years old or over, mare 3 years old and under 4, mare 2 years old and under 3, mare 1 year old and under 2, mare colt under 1 year old.  
First premium.....\$150  
Second premium.....100

## CLASS C—Sheep.

D. W. VITUM, JR., SUPERINTENDENT.

1. Notice of protest concerning awards must be given to the Superintendent of Department before the examination by the awarding committee is concluded, and a written statement, setting forth the reasons for protesting, verified by affidavit, must be filed with the Secretary on the day the animal or article is exhibited. Provided that protests will be entertained at any time thereafter, previous to or during the first two days of the next winter meeting of the Board, if the protesting party shall state under oath that the facts upon which the protest is made were not in his possession at the time the animal was before the awarding committee.

In all cases where protests are made at the Fair, if the Board shall be satisfied that they were instigated by improper or malicious motives, the Board will exclude the party protesting from exhibiting for two or more years thereafter.

2. Awarding committees in Class C—Sheep—are expressly instructed that it is their duty in every case to require from each exhibitor, in lots for pure breeds, satisfactory evidence of purity of breeding, as claimed; and each committee, when awarding a premium in any such lot, will be understood to say by such award that, in their opinion, the animal receiving a premium is, beyond a reasonable doubt, purely bred, as claimed. They are further instructed that if they shall have good reasons to believe that any exhibitor, by false entry or otherwise, attempts to deceive the committee, or the public, and obtain a premium by misrepresentation, they shall report the fact at once to the Superintendent of Class C—who shall immediately instruct the committee that such exhibitor is thenceforth excluded from competition at this Fair.

3. Stubble shorn sheep will be excluded from competition.

4. All sheep must have been properly sheared on or after the first day of April, 1884.

5. All awards shall be made by ballots, and without consultation. In case of a tie vote, or failure to obtain a majority vote necessary to an award, the Superintendent shall call in one or more judges, as may be necessary, whose votes shall be confined to the entries having received votes; the animals, or herds previously voted for shall be separated from the other stock in the ring, and the premium shall be awarded to the entry first receiving a vote equal to a majority of the original committee.

7. The Superintendent shall exclude stock from competition should there be any unnecessary or embarrassing delay on the part of exhibitors in bringing animals into the show ring.

8. Pedigrees of sheep, in all cases, must be traceable to the American or Foreign Records for the particular breeds to which they belong.

9. All animals entered for exhibition shall be in place in the several departments not later than 9 o'clock a. m., Tuesday, September 9, 1884.

10. Entries close Saturday, September 6, 1884, at 6 o'clock p. m.



11. Awards will be made as rapidly as possible, and at such time as the Superintendent may designate.

12. Animals can not be removed until the close of the Fair, except upon the written permission of the President.

13. All wool must be unwashed and have been grown the property of the exhibitor, who shall certify, in writing, the date of shearing, the age of the fleece in days, and the line of breeding, age, sex and weight of animal immediately preceding shearing.

14. Awards will be determined by the value of the wool with reference to those purposes of manufacture for which it may be best adapted—the committee on awards taking into account strength, evenness of fibre, length, weight, lustre, general condition, skill displayed in shearing and subsequent handling.

15. Samples from each fleece, not exceeding one-half pound weight, will be retained by the board for exhibition in the State Agricultural Museum.

### Lot 45—Cotswold.

#### RAMS.

215	Best Ram 2 years old or over....	\$20 00
	Second best.....	10 00
216	Best Ram 1 year old and under 2	15 00
	Second best.....	10 00
217	Best Ram Lamb under 1 year old	10 00
	Second best.....	5 00

#### EWES.

218	Best Ewe 2 years old or over....	20 00
	Second best.....	10 00
219	Best Ewe 1 year old and under 2	15 00
	Second best.....	10 00
220	Best Ewe Lamb under 1 year old	10 00
	Second best.....	5 00

#### Awarding Committee.

D. A. Brown, Bates, Sangamon county.  
W. A. Bickell, Sibley, Ford county.  
Ed. French, Milton, Pike county.

### Lot 46—Cotswold—Sweepstakes.

221	Best Ram of any age.....	\$20 00
222	Best Ewe of any age.....	15 00
223	Best Ram and 5 Ewes over 2 years old.....	35 00
	Second best.....	15 00
224	Best Ram with 5 of his get under 2 years old, of either sex, to be owned and bred by ex- hibitor.....	35 00
	Second best.....	15 00

#### Awarding Committee.

Wm. Cater, Libertyville, Lake county.  
Jos. Hewer, Belvidere, Boone county.  
E. F. Thompson, Bement, Piatt county.

### Lot 47—Leicester or Lincoln.

#### RAMS.

225	Best Ram 2 years old or over....	\$20 00
	Second best.....	10 00
226	Best Ram 1 year old and under 2	15 00
	Second best.....	10 00
227	Best Ram Lamb under 1 year old	10 00
	Second best.....	5 00

#### EWES.

228	Best Ewe 2 years old or over....	\$20 00
	Second best.....	10 00
229	Best Ewe 1 year old and under 2	15 00
	Second best.....	10 00
230	Best Ewe Lamb under 1 year old	10 00
	Second best.....	5 00

#### Awarding Committee.

F. W. Warner, Roscoe, Winnebago county.  
Samuel Keen, Keenville, Wayne county.  
J. A. Bellinger, Mahomet, Champaign county.

### Lot 48—Leicester or Lincoln.

#### Sweepstakes.

231	Best Ram of any age.....	\$20 00
232	Best Ewe of any age.....	15 00
233	Best Ram and 5 Ewes over 2 years old.....	35 00
	Second best.....	15 00
234	Best Ram with 5 of his get under 2 years old, of either sex, to be owned and bred by ex- hibitor.....	35 00
	Second best.....	15 00

#### Awarding Committee.

A. Griffith, Brownstown, Fayette county.  
Jno. Luaney, Clear Creek, Putnam county.  
J. H. Thompson, Joliet, Will county.

### Lot 49—Southdowns.

#### RAMS.

235	Best Ram 2 years old or over....	\$20 00
	Second best.....	10 00
236	Best Ram 1 year old and under 2	15 00
	Second best.....	10 00
237	Best Ram Lamb under 1 year old	10 00
	Second best.....	5 00

#### EWES.

238	Best Ewe 2 years old or over....	\$20 00
	Second best.....	10 00

239	Best Ewe 1 year old and under 2.	\$15 00
	Second best.....	10 00
240	Best Ewe Lamb under 1 year old	10 00
	Second best.....	5 00

*Awarding Committee.*

Edward Rogers, Upper Alton, Madison county.

O. B. Nichols, Carlyle, Clinton county.

Philip Nelson, Manteno, Kankakee county.

**Lot 50—Southdown—Sweepstakes**

241	Best Ram of any age.....	\$20 00
242	Best Ewe of any age.....	15 00
243	Best Ram and 5 Ewes over 2 years old.....	35 00
	Second best.....	15 00
244	Best Ram with 5 of his get under 2 years old of either sex, to be owned and bred by the exhibitor.....	35 00
	Second best.....	15 00

*Awarding Committee.*

Geo. W. Pickrell, Wheatfield, Sangamon county.

Oliver Chatterton, Ellisville, Fulton county.

Wm. H. Green, Cairo, Alexander county.

**Lot 51—Shropshire Down, Hampshire Down, and other Pure Bred Middle Wools.****RAMS.**

245	Best Ram 2 years old or over....	\$20 00
	Second best.....	10 00
246	Best Ram 1 year old and under 2	15 00
	Second best.....	10 00
247	Best Ram Lamb under 1 year old	10 00
	Second best.....	5 00

**EWES.**

248	Best Ewe 2 years old or over....	20 00
	Second best.....	10 00
249	Best Ewe 1 year old and under 2	15 00
	Second best.....	10 00
250	Best Ewe Lamb under 1 year old	10 00
	Second best.....	5 00

*Awarding Committee.*

Robert Hall, Virginia, Cass county.

R. Rowett, Quincy, Adams county.

Jno. W. Bolon, Monmouth, Warren county.

**Lot 52—Shropshire Down, etc.—Sweepstakes.**

251	Best Ram of any age.....	\$20 00
252	Best Ewe of any age.....	15 00
253	Best Ram and 5 Ewes over 2 years old.....	35 00
	Second best.....	15 00

254	Best Ram with 5 of his get, under 2 years old, of either sex, to be owned and bred by the exhibitor.....	35 00
	Second best.....	15 00

*Awarding Committee.*

Reuben Miller, Lake Bluff, Lake county.

Wm. Stephenson, Little Indian, Cass county.

J. Rook, Jacksonville, Morgan county.

**Lot 53—American Merino.****RAMS.**

255	Best Ram 2 years old or over....	\$20 00
	Second best.....	10 00
256	Best Ram 1 year old and under 2	15 00
	Second best.....	10 00
257	Best Ram Lamb under 1 year old	10 00
	Second best.....	5 00

**EWES.**

258	Best Ewe 2 years old or over....	20 00
	Second best.....	10 00
259	Best Ewe 1 year old and under 2	15 00
	Second best.....	10 00
260	Best Ewe Lamb under 1 year old	10 00
	Second best.....	5 00

*Awarding Committee.*

William Oglevie, Waynesville, DeWitt county.

Chas. A. Sears, Garden Prairie, Boone county.

William B. Chandler, Tuscola, Douglas county.

**Lot 54—American Merino—Sweepstakes.**

261	Best Ram of any age.....	\$20 00
262	Best Ewe of any age.....	15 00
263	Best Ram and 5 Ewes over 2 years old.....	35 00
	Second best.....	15 00
264	Best Ram with 5 of his get, under 2 years old, of either sex, to be owned and bred by the exhibitor.....	35 00
	Second best.....	15 00

*Awarding Committee.*

Jos. Harris, Tiskilwa, Bureau county.

J. Black, Lawrenceville, Lawrence county.

J. H. Pierce, Freeport, Stephenson county.

**Lot 55—French, Silesian and Saxony Merino.****RAMS.**

265	Best Ram 2 years old or over....	\$20 00
	Second best.....	10 00
266	Best Ram 1 year old and under 2	15 00
	Second best.....	10 00
267	Best Ram Lamb under 1 year old	10 00
	Second best.....	5 00

EWES.

268	Best Ewe 2 years old or over...	20 00
	Second best.....	10 00
269	Best Ewe 1 year old and under 2	15 00
	Second best.....	10 00
270	Best Ewe Lamb under 1 year old	10 00
	Second best.....	5 00

*Awarding Committee.*

Geo. W. Reed, Nashville, Washington county.  
Wm. M. Chiles, Carlinville, Macoupin county.  
Philip C. Watts, Ottawa, LaSalle county.

**Lot 56—French Merino, etc.—**

**Sweepstakes.**

271	Best Ram of any age.....	\$20 00
272	Best Ewe of any age.....	15 00
273	Best Ram and 5 Ewes over 2 years old.....	20 00
	Second best.....	15 00
274	Best Ram with 5 of his get under 2 years old, of either sex, to be owned and bred by the exhibitor.....	20 00
	Second best.....	15 00

*Awarding Committee.*

J. C. Galbreth, Walnut Hill, Marion county.

Joel G. McClare, Buckley, Iroquois county.  
F. M. Doolittle, Ontario, Knox county.

**Lot 57—Fleeces.**

LONG WOOL.

275	Best 12 months Fleece from Sheep over 2 years old.....	\$5 00
276	Best Fleece from Sheep under 2 years old.....	5 00

MIDDLE WOOL.

277	Best 12 months Fleece from Sheep over 2 years old.....	5 00
278	Best Fleece from Sheep under 2 years old.....	5 00

FINE WOOL.

279	Best 12 months Fleece from Sheep over 2 years old.....	5 00
280	Best Fleece from Sheep under 2 years old.....	5 00

*Awarding Committee.*

Allen B. Scurlock, Marion, Williamson county.  
Geo. Curry, Olena, Henderson county.  
J. H. Pickrell, Harristown, Macon county.

**LOT 58—FLOCKS—GRAND SWEEPSTAKES.**

Symmetry, size, early maturity, and general characteristics of each of the several breeds of animals will be considered, and proper allowance made for age, feeding and other circumstances.

281	Best and largest display of breeding sheep of any breed exhibited and bred by a resident of this State.....	\$125 00
	Second best.....	75 00

*Awarding Committee*—J. K. Megginson, Jacksonville, Morgan county; Jno. C. Burruss, Carrollton, Greene county; S. E. Prather, Sherman, Sangamon county.

**LOT 59—SHEEP BREEDERS' PRIZES.**

**THREE SOLID SILVER GOBLETS,**

CONTRIBUTED BY

**THE ILLINOIS STATE WOOL GROWERS' ASSOCIATION.**

COMPETITION OPEN TO ALL SHEEP BREEDERS.

The State Wool Growers' Association offers THREE SILVER GOBLETS, costing FIFTY DOLLARS EACH, to be awarded upon the following conditions, viz:

1. All competing animals to be of recognized pure blood, and to have been bred by, and at the time of exhibition, remain the property of the exhibitor. Award will be made only in case of competition.



2. Each pen to be composed of animals of the same breeding.

3. The exhibitor to furnish, at the time of making entry, a written statement, giving, as near as may be, the pedigree, age, weight, date and manner of shearing, and other important facts connected with the breeding and the management for the past year, of the animals exhibited by him. Such statement to be verified by affidavit of the exhibitor.

4. All competing animals to be scaled to the standard adopted by the State Wool Growers' Association, and the record so made to become a part of the report of the Examining Jury.

5. The party securing either of the prizes to hold it *in trust* until the opening day of the first succeeding Illinois State Fair, when it shall be placed in the hands of the President of the Illinois State Wool Growers' Association, to be again competed for. When taken the second time by any exhibitor the prize is to become his actual property.

### LONG WOOLS.

Best Pen of 12 Pure Bred Sheep..... Silver Goblet, value \$50 00  
Pen to consist of 1 Ram and 5 Ewes 1 year old, 1 Ram and 5 Ewes under 1 year old.

### MIDDLE WOOLS.

Best Pen of 12 Pure Bred Sheep..... Silver Goblet, value \$50 00  
Pen to consist of 1 Ram and 5 Ewes 1 year old, 1 Ram and 5 Ewes under 1 year old.

### FINE WOOLS.

Best Pen of 16 Pure Bred Sheep..... Silver Goblet, value \$50 00  
Pen to consist of 1 Ram, any age, 5 Ewes 2 years old, 5 Ewes 1 year old, 5 Ewes under 1 year old.

## CLASS D—Swine.

### DAVID GORE, SUPERINTENDENT.

1. Notice of protest concerning awards must be given to the Superintendent of Department before the examination by the awarding committee is concluded, and a written statement, setting forth the reasons for protesting, verified by affidavit, must be filed with the Secretary on the day the animal or article is exhibited; provided that protests will be entertained at any time thereafter previous to or during the first two days of the next winter meeting of the Board, if the protesting party shall state under oath that the facts upon which the protest is made were not in his possession at the time the animal was before the awarding committee.

In all cases where protests are made at the Fair, if the Board shall be satisfied that they were instigated by improper or malicious motives, the Board will exclude the party protesting from exhibiting for two or more years thereafter.

2. Awarding committees in Class D—Swine, are expressly instructed that it is their duty, in every case, to require from each exhibitor satisfactory evidence of purity of breeding, as claimed; and each committee, when awarding a premium in any such lot will be understood to say, by such award, that, in their opinion, the animal receiving a premium is, beyond a reasonable doubt, purely bred, as claimed. They are further instructed that if they shall have good reasons to believe that any exhibitor, by false entry or otherwise, attempts to deceive the committee or the public, and obtain a premium by misrepresentation, they shall report the fact at once to the Superintendent of Class D, who shall immediately instruct the committee that such exhibitor is thenceforth excluded from competition at this Fair.

3. No committeeman, having passed judgment on an animal in its regular lot or ring, shall be eligible to serve on committee in Sweepstakes Ring where the same animal is shown.

4. Pedigrees of Swine, in all cases, must be traceable to the American or Foreign Records, for the particular breeds to which they belong.

5. All awards shall be made by ballots, and without consultation. In case of a tie vote, or failure to obtain a majority vote necessary to an award, the Superintendent shall call in one or more judges, as may be necessary, whose votes shall be confined

to the entries having received votes; the animals, or herds previously voted for shall be separated from the other stock in the ring, and the premium shall be awarded to the entry first receiving a vote equal to a majority of the original committee.

6. Awards will be made as rapidly as possible and at such time as the Superintendent may designate.

7. All animals entered for exhibition shall be in place in the several departments not later than 9 o'clock a. m. Tuesday, September 9, 1884.

8. Hog pens will be assigned exhibitors only upon the certificate of the Secretary that the fees therefor have been paid.

9. Entries close Saturday, September 6, 1884, at 6 o'clock p. m.

10. Animals on exhibition cannot be removed until the close of the Fair, except upon the written consent of the President.

### Lot 60—Berkshire.

#### BOARS.

282	Best Boar 2 years old or over...	\$20 00
	Second best.....	10 00
283	Best Boar 1 year old and under 2	20 00
	Second best.....	10 00
284	Best Boar under 1 year.....	15 00
	Second best.....	10 00

#### SOWS.

285	Best Sow 2 years old or over....	20 00
	Second best.....	10 00
286	Best Sow 1 year old and under 2	20 00
	Second best.....	10 00
287	Best Sow under 1 year.....	15 00
	Second best.....	10 00

#### BREEDERS' RING.

288	Best Sow with litter of her own pigs, not less than 5, under 6 months old.....	20 00
	Second best.....	10 00
289	Best pen of Breeding Hogs, to consist of 1 Boar and 4 Sows over 1 year old, owned by exhibitor.....	25 00
290	Best 5 head of Swine of any age, the get of 1 Boar, the sire to be shown with the pen and considered in making the award.....	20 00

#### Awarding Committee.

Simeon Russell, Volo, Lake county.  
Wm. Allen, Taylorville, Christian county.  
D. G. Ryburn, Randolph, McLean county.

### Lot 61—Berkshire—Sweepstakes.

291	Best Boar of any age.....	\$20 00
292	Best Sow of any age.....	20 00

#### Awarding Committee.

Geo. Reed, Belvidere, Boone county.  
C. B. Johnson, New Milford, Winnebago  
county.  
Jno. T. Irwin, Tuscola, Douglas county.

### Lot 62—Poland China.

#### BOARS.

293	Best Boar 2 years old or over...	\$20 00
	Second best.....	10 00
294	Best Boar 1 year old and under 2	20 00
	Second best.....	10 00
295	Best Boar under 1 year.....	15 00
	Second best.....	10 00

#### SOWS.

296	Best Sow 2 years old or over....	20 00
	Second best.....	10 00
297	Best Sow 1 year old and under 2	20 00
	Second best.....	10 00
298	Best Sow under 1 year.....	15 00
	Second best.....	10 00

#### BREEDERS' RINGS.

299	Best Sow with litter of her own pigs, not less than 5, under 6 months old.....	20 00
	Second best.....	10 00
300	Best pen of Breeding Hogs, to consist of 1 Boar and 4 Sows over 1 year old, owned by the exhibitor.....	25 00
301	Best 5 head of Swine of any age, the get of 1 Boar, the sire to be shown with the pen, and considered in making the award.....	20 00

#### Awarding Committee.

S. P. Lilly, Coles, Moultrie county.  
A. A. Crane, Osco, Henry county.  
D. W. Graham, Bone Gap, Edwards co.

### Lot 63—Poland China—Sweepstakes.

302	Best Boar of any age.....	\$20 00
303	Best Sow of any age.....	20 00

#### Awarding Committee.

Thomas Cline, Woburn, Bond county.  
L. W. Tobie, El Paso, Woodford county.  
Geo. Booth, Gardner, Grundy county.

**Lot 64—Chester White and Victoria.****BOARS.**

304	Best Boar 2 years old or over...	\$20 00
	Second best.....	10 00
305	Best Boar, 1 year old and under 2	20 00
	Second best.....	10 00
306	Best Boar under 1 year.....	15 00
	Second best.....	10 00

**SOWS,**

307	Best Sow 2 years old or over....	20 00
	Second best.....	10 00
308	Best Sow 1 year old and under 2	20 00
	Second best.....	10 00
309	Best Sow under 1 year.....	15 00
	Second best.....	10 00

**BREEDERS' RINGS.**

310	Best Sow with litter of her own pigs, not less than 5, under 6 months old.....	20 00
	Second best.....	10 00
311	Best pen of breeding Hogs, to consist of 1 Boar and 4 Sows, over 1 year old, owned by the exhibitor.....	25 00
312	Best 5 head of Swine of any age, the get of one Boar, the sire to be shown with the pen, and considered in making the award.....	20 00

*Awarding Committee.*

Boone Kershaw, Grayville, White county.  
S. M. Mitchell, Corinth, Williamson co.  
Thomas Oliver, Elmira, Stark county.

**Lot 65—Chester White and Victoria—Sweepstakes.**

313	Best Boar of any age.....	\$20 00
314	Best Sow of any age.....	20 00

*Awarding Committee.*

W. A. Baker, Greenwood, McHenry co.  
J. S. Gates, Freeport, Stephenson county.  
S. B. McCord, Paris, Edgar county.

**Lot 66—Essex.****BOARS.**

315	Best Boar 2 years old or over....	\$20 00
	Second best.....	10 00
316	Best Boar 1 year old and under 2	20 00
	Second best.....	10 00
317	Best Boar under 1 year.....	15 00
	Second best.....	10 00

**SOWS.**

318	Best Sow 2 years old or over....	20 00
	Second best.....	10 00
319	Best Sow 1 year old and under 2,	20 00
	Second best.....	10 00
320	Best Sow under 1 year.....	15 00
	Second best.....	10 00

**BREEDERS' RINGS.**

321	Best Sow with litter of her own pigs, not less than 5, under 6 months old.....	20 00
	Second best.....	10 00
322	Best pen of breeding Hogs, to consist of 1 Boar and 4 Sows, over 1 year old, owned by the exhibitor.....	25 00
323	Best 5 head of Swine of any age, the get of 1 Boar, sire to be shown with the pen, and considered in making the award.....	20 00

*Awarding Committee.*

Jno. Bell, Atlanta, Logan county.  
E. A. Crosswell, New Boston, Mercer  
county.  
Jno. W. Moore, Mound Station, Brown  
county.

**Lot 67—Essex—Sweepstakes.**

324	Best Boar of any age.....	\$20 00
325	Best Sow of any age.....	20 00

*Awarding Committee.*

Jno. Seaman, Beardstown, Cass county.  
Phil M. Springer, Springfield, Sangamon  
county.  
A. R. Wallace, Camp Point, Adams county

**Lot 68—Small Yorkshire and Suffolks.****BOARS.**

326	Best Boar 2 years old or over....	\$20 00
	Second best.....	10 00
327	Best Boar 1 year old and under 2.....	20 00
	Second best.....	10 00
328	Best Boar under 1 year.....	15 00
	Second best.....	10 00

**SOWS.**

329	Best Sow 2 years old or over....	20 00
	Second best.....	10 00
330	Best Sow 1 year old and under 2,	20 00
	Second best.....	10 00
331	Best Sow under 1 year.....	15 00
	Second best.....	10 00

**BREEDERS' RINGS.**

332	Best Sow with litter of her own Pigs, not less than 5, under 6 months old.....	20 00
	Second best.....	10 00
333	Best pen of breeding Hogs, to consist of 1 Boar and 4 Sows, over 1 year old, owned by the exhibitor.....	25 00
334	Best 5 head of Swine of any age, the get of 1 Boar, the sire to be shown with the pen, and considered in making the award.....	20 00



*Awarding Committee.*

H. N. Maxham, Ivanhoe, Lake county.  
Darius Bartholomew, Batavia, Kane county.  
V. Barber, Decatur, Macon county.

**Lot 69—Small Yorkshire and  
Suffolks—Sweepstakes.**

335 Best Boar of any age .....\$20 00  
336 Best Sow of any age ..... 20 00

*Awarding Committee.*

J. L. Taggart, Freeport, Stephenson county.  
L. Stephens, Toledo, Cumberland county.  
Tilford Shoot, Charleston, Coles county.

**Lot 70—Duroc Jersey.**

**BOARS.**

337 Best Boar 2 years old or over...\$20 00  
Second best ..... 10 00  
338 Best Boar 1 year old and under 2 20 00  
Second best ..... 10 00  
339 Best Boar under 1 year ..... 15 00  
Second best ..... 10 00

**SOWS.**

340 Best Sow 2 years old or over.... 20 00  
Second best ..... 10 00  
341 Best Sow 1 year old and under 2, 20 00  
Second best ..... 10 00  
342 Best Sow under 1 year ..... 15 00  
Second best ..... 10 00

**BREEDERS' RINGS.**

343 Best Sow with litter of her own  
pigs, not less than 5, under 6  
months old ..... 20 00  
Second best ..... 10 00  
344 Best pen of breeding Hogs, to  
consist of 1 Boar and 4 Sows,  
over 1 year old, owned by  
the exhibitor ..... 25 00  
345 Best 5 head of Swine of any age,  
the get of 1 Boar, sire to be  
shown with the pen, and  
considered in making the  
award ..... 20 00

*Awarding Committee.*

Jno. P. Henderson, Virden, Macoupin county.  
S. W. Reigle, Franklin Grove, Lee county.  
John Van Dyke, Na-au-say, Kendall county.

**Lot 71—Duroc Jersey—Sweep-  
stakes.**

346 Best Boar of any age.....\$20 00  
347 Best Sow of any age..... 20 00

*Awarding Committee.*

M. T. Stookey, Belleville, St. Clair county.  
S. T. Weber, Harrisburg, Saline county.  
W. H. Johnson, Fairbury, Livingston co.

**Lot 72—Other Distinct Breeds.**

348 Best show of Swine of any distinct  
breed not named in the  
premium list; the show to in-  
clude Boar over 1 year old,  
Boar under 1 year old, Sow 2  
years old or over, Sow 1 and  
under 2 years, Sow under 1  
year.....\$25 00  
Second best..... 15 00  
Third best..... 10 00

*Awarding Committee.*

J. G. Clark, Champaign, Champaign co.  
J. M. Stewart, Lewistown, Fulton county.  
Wm. Suit, Vienna, Johnson county.

**Lot 73—Sweepstakes—Herds.**

(OPEN TO ALL.)

349 Best Boar and 5 Sows, any age,  
each entry to be composed of  
animals of the same breed...\$50 00  
Second premium..... 25 00

*Awarding Committee.*

J. L. Connelly, Harristown, Macon co.  
Jos. Stevenson, Little Indian, Cass co.  
A. G. Epler, Virginia, Cass county.

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LOT 74—SWINE BREEDERS' PRIZES.

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SOLID SILVER GOBLETS,

CONTRIBUTED BY

THE ILLINOIS SWINE BREEDERS' ASSOCIATION.

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COMPETITION OPEN TO ALL SWINE BREEDERS.

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The State Swine Breeders' Association offers TWO SILVER GOBLETS, costing fifty dollars each, to be awarded upon the following conditions to the breeders of the best pen of Berkshire and best pen of Poland-China Swine:

Pen to consist of Boar over 1 year old, two Sows 2 years old or over, two Sows 1 and under 2 years old, and two Sows under 1 year old.

1. All competing animals to be of recognized pure blood, and to have been bred by, and at the time of exhibition, the property of the exhibitor. Award will be made only in case of competition.

2. Each pen to be composed of animals of the same breed.

3. The exhibitor to furnish, at the time of making entry, a written statement, giving, as near as may be, the pedigree, age, weight, date and manner of feeding, and other important facts connected with the breeding and the management of the animals exhibited by him. Such statement to be verified by affidavit of the exhibitor.

4. All competing animals to be sealed to the standard adopted by the State Swine Breeders' Association, and the record so made to become a part of the report of the Examining Jury.

5. The party securing either of the prizes to hold it *in trust* until the opening day of the first succeeding Illinois State Fair, when it shall be placed in the hands of the President of the Illinois State Swine Breeders' Association to be again competed for. When taken the second time by any exhibitor, the prize is to become his actual property.

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Class E.—Poultry.

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JOHN GRIFFITH, SUPERINTENDENT.

1. Poultry showing any symptoms of disease will be excluded from exhibition.

2. Stock must be entered in the name of the actual owner. Blanks for entry can be obtained on application to the Secretary.

3. All entries shall be in pairs, unless otherwise noted.

4. Poultry on exhibition can not be removed until the close of the Fair, except upon the written consent of the President.

5. The vitality of all eggs laid during the exhibition shall be destroyed unless taken by the owners.

6. The American standard of excellence shall be the main guide for the judge.

7. The terms "fowl," "chick," etc., are thus defined: Fowl—a bird hatched prior to 1884; Chick—a bird hatched during 1884; Cock—a male bird hatched prior to 1884; Cockerel—a male bird hatched during 1884; Hen—a female bird hatched prior to 1884; Pullet—a female bird hatched during 1884.

8. The judge will award no premium to birds scoring less than 80 points by the American standard of excellence, or on fowls or birds improperly classed.

9. Coops to be furnished by exhibitor, neatly made, and so constructed as to show birds to the best advantage.

10. All poultry entered for exhibition shall be in place in the several departments not later than 9 o'clock a. m., Tuesday, September 9, 1884.

11. Entries close Saturday, September 6, 1884, at 6 o'clock p. m.

### Lot 75—Asiatic.

350	Best pair Light Brahmas—fowls	\$3 00
	Second best	2 00
351	Best pair Light Brahmas—chicks	3 00
	Second best	2 00
352	Best pair Dark Brahmas—fowls	3 00
	Second best	2 00
353	Best pair Dark Brahmas—chicks	3 00
	Second best	2 00
354	Best pair Buff Cochins—fowls	3 00
	Second best	2 00
355	Best pair Buff Cochins—chicks	3 00
	Second best	2 00
356	Best pair Partridge Cochins—fowls	3 00
	Second best	2 00
357	Best pair Partridge Cochins—chicks	3 00
	Second best	2 00
358	Best pair White Cochins—fowls	3 00
	Second best	2 00
359	Best pair White Cochins—chicks	3 00
	Second best	2 00
360	Best pair Black Cochins—fowls	3 00
	Second best	2 00
361	Best pair Black Cochins—chicks	3 00
	Second best	2 00
362	Best pair Pea-Comb Partridge Cochins—fowls	3 00
	Second best	2 00
363	Best pair Pea-Comb Partridge Cochins—chicks	3 00
	Second best	2 00
364	Best display Asiatics—fowls or chicks	10 00

### Lot 76—Dorking, Dominique, Plymouth Rock.

365	Best pair Silver Gray—fowls	\$3 00
	Second best	2 00
366	Best pair Silver Gray—chicks	3 00
	Second best	2 00
367	Best pair White—fowls	3 00
	Second best	2 00
368	Best pair White—chicks	3 00
	Second best	2 00
369	Best pair Colored—fowls	3 00
	Second best	2 00
370	Best pair Colored—chicks	3 00
	Second best	2 00
371	Best pair American Dominiques—fowls	3 00
	Second best	2 00
372	Best pair American Dominiques—chicks	3 00
	Second best	2 00

373	Best pair Plymouth Rocks—fowls	3 00
	Second best	2 00
374	Best pair Plymouth Rocks—chicks	3 00
	Second best	2 00
375	Best display of Dorking, Dominique and Plymouth Rocks—fowls or chicks	10 00

### Lot 77—Spanish.

376	Best pair Black Spanish (white face)—fowls	\$3 00
	Second best	2 00
377	Best pair Black Spanish—chicks	3 00
	Second best	2 00
378	Best pair White Leghorn—fowls	3 00
	Second best	2 00
379	Best pair White Leghorn—chicks	3 00
	Second best	2 00
380	Best pair Brown Leghorn—fowls	3 00
	Second best	2 00
381	Best pair Brown Leghorn—chicks	3 00
	Second best	2 00
382	Best pair Dominique Leghorn—fowls	3 00
	Second best	2 00
383	Best pair Dominique Leghorn—chicks	3 00
	Second best	2 00
384	Best pair Black Leghorn—fowls	3 00
	Second best	2 00
385	Best pair Black Leghorn—chicks	3 00
	Second best	2 00
386	Best display of Spanish fowls or chicks	10 00

### Lot 78—Hamburgs.

387	Best pair Golden-Penciled—fowls	\$3 00
	Second best	2 00
388	Best pair Golden-Penciled—chicks	3 00
	Second best	2 00
389	Best pair Silver-Penciled—fowls	3 00
	Second best	2 00
390	Best pair Silver-Penciled—chicks	3 00
	Second best	2 00
391	Best pair Golden-Spangled—fowls	3 00



	Second best.....	2 00
392	Best pair Golden-Spangled-chicks.....	3 00
	Second best.....	2 00
393	Best pair Silver-Spangled-fowls.....	3 00
	Second best.....	2 00
394	Best pair Silver-Spangled-chicks.....	3 00
	Second best.....	2 00
395	Best pair Black-fowls.....	3 00
	Second best.....	2 00
396	Best pair Black-chicks.....	3 00
	Second best.....	2 00
397	Best pair White-fowls.....	3 00
	Second best.....	2 00
398	Best pair White-chicks.....	3 00
	Second best.....	2 00

### Lot 79—Polish.

399	Best pair Golden-Spangled-fowls.....	\$3 00
	Second best.....	2 00
400	Best pair Golden-Spangled-chicks.....	3 00
	Second best.....	2 00
401	Best pair Silver-Spangled-fowls.....	3 00
	Second best.....	2 00
402	Best pair Silver-Spangled-chicks.....	3 00
	Second best.....	2 00
403	Best pair White-Crested Black-fowls.....	3 00
	Second best.....	2 00
404	Best pair White-Crested Black-chicks.....	3 00
	Second best.....	2 00
405	Best pair Sultan-fowls.....	3 00
	Second best.....	2 00
406	Best pair Sultan-chicks.....	3 00
	Second best.....	2 00
407	Best pair White-fowls.....	3 00
	Second best.....	2 00
408	Best pair White-chicks.....	3 00
	Second best.....	2 00

### Lot 80—French.

409	Best pair Houdon-fowls.....	\$3 00
	Second best.....	2 00
410	Best pair Houdon-chicks.....	3 00
	Second best.....	2 00
411	Best pair Crevecour-fowls.....	3 00
	Second best.....	2 00
412	Best pair Crevecour-chicks.....	3 00
	Second best.....	2 00
413	Best pair LaFleche-fowls.....	3 00
	Second best.....	2 00
414	Best pair LaFleche-chicks.....	3 00
	Second best.....	2 00

### Lot 81—Game.

415	Best pair Black-breasted Red-fowls.....	3 00
	Second best.....	2 00
416	Best pair Black-breasted Red-chicks.....	3 00
	Second best.....	2 00

417	Best pair White-fowls.....	3 00
	Second best.....	2 00
418	Best pair White-chicks.....	3 00
	Second best.....	2 00
419	Best pair Brown Red-fowls.....	3 00
	Second best.....	2 00
420	Best pair Brown Red-chicks.....	3 00
	Second best.....	2 00
421	Best pair Ginger Red-fowls.....	3 00
	Second best.....	2 00
422	Best pair Ginger Red-chicks.....	3 00
	Second best.....	2 00
423	Best pair Yellow Duck Wing-fowls.....	3 00
	Second best.....	2 00
424	Best pair Yellow Duck Wing-chicks.....	3 00
	Second best.....	2 00
425	Best pair Gray-fowls.....	3 00
	Second best.....	2 00
426	Best pair Gray-chicks.....	3 00
	Second best.....	2 00
427	Best pair Silver Duck Wing-fowls.....	3 00
	Second best.....	2 00
428	Best pair Silver Duck Wing-chicks.....	3 00
	Second best.....	2 00
429	Best pair Spangled-fowls.....	3 00
	Second best.....	2 00
430	Best pair Spangled-chicks.....	3 00
	Second best.....	2 00
431	Best pair Pile-fowls.....	3 00
	Second best.....	2 00
432	Best pair Pile-chicks.....	3 00
	Second best.....	2 00
433	Best pair White Pile-fowls.....	3 00
	Second best.....	2 00
434	Best pair White Pile-chicks.....	3 00
	Second best.....	2 00
435	Best pair Black-fowls.....	3 00
	Second best.....	2 00
436	Best pair Black-chicks.....	3 00
	Second best.....	2 00
437	Best pair Blue-fowls.....	3 00
	Second best.....	2 00
438	Best pair Blue-chicks.....	3 00
	Second best.....	2 00

### Lot 82—Bantams.

439	Best pair Sebright-fowls.....	\$3 00
	Second best.....	2 00
440	Best pair Sebright-chicks.....	3 00
	Second best.....	2 00
441	Best pair Red Pile Game-fowls.....	3 00
	Second best.....	2 00
442	Best pair Red Pile Game-chicks.....	3 00
	Second best.....	2 00
443	Best pair White-fowls.....	3 00
	Second best.....	2 00
444	Best pair White-chicks.....	3 00
	Second best.....	2 00
445	Best pair Black-fowls.....	3 00
	Second best.....	2 00
446	Best pair Black-chicks.....	3 00
	Second best.....	2 00
447	Best pair Pekin or Cochin-fowls.....	3 00
	Second best.....	2 00
448	Best pair Pekin or Cochin-chicks.....	3 00
	Second best.....	2 00
449	Best pair Japan-fowls.....	3 00
	Second best.....	2 00

450	Best pair Japan—chicks.....	\$3 00
	Second best .....	2 00
451	Best pair Black-Red Game—fowls .....	3 00
	Second best .....	2 00
452	Best pair Black-Red Game—chicks .....	3 00
	Second best .....	2 00
453	Best pair Brown-Breasted Game—fowls .....	3 00
	Second best .....	2 00
454	Best pair Brown-Breasted Game—chicks .....	3 00
	Second best .....	2 00
455	Best pair Duck Wing—fowls .....	3 00
	Second best .....	2 00
456	Best pair Duck Wing—chicks .....	3 00
	Second best .....	2 00

### Lot 83—Miscellaneous.

457	Best pair Frizzlies—fowls.....	\$3 00
	Second best .....	2 00
458	Best pair Frizzlies—chicks .....	3 00
	Second best .....	2 00
459	Best pair Silkies—fowls.....	3 00
	Second best .....	2 00
460	Best pair Silkies—chicks.....	3 00
	Second best .....	2 00
461	Best pair Rumpless—fowls .....	3 00
	Second best .....	2 00
462	Best pair Rumpless—chicks.....	3 00
	Second best .....	2 00
463	Best pair Pea Fowls .....	3 00
	Second best .....	2 00
464	Best two Capons.....	3 00
	Second best .....	2 00
465	Best Langshan—fowls.....	3 00
	Second best .....	2 00
466	Best Langshan—chicks .....	3 00
	Second best .....	2 00

### Lot 84—Guineas.

467	Best pair White—fowls .....	\$3 00
	Second best .....	2 00
468	Best pair White—chicks .....	3 00
	Second best .....	2 00
469	Best pair Common—fowls .....	3 00
	Second best .....	2 00
470	Best pair Common—chicks .....	3 00
	Second best .....	2 00

### Lot 85—Turkeys.

471	Best pair Bronze—fowls .....	\$4 00
	Second best .....	2 00
472	Best pair Bronze—chicks .....	4 00
	Second best .....	2 00
473	Best pair Black—fowls .....	4 00
	Second best .....	2 00
474	Best pair Black—chicks .....	4 00
	Second best .....	2 00
475	Best pair Slate—fowls .....	4 00
	Second best .....	2 00
476	Best pair Slate—chicks .....	4 00
	Second best .....	2 00

477	Best pair Buff—fowls .....	\$4 00
	Second best .....	2 00
478	Best pair Buff—chicks .....	4 00
	Second best .....	2 00
479	Best pair Narragansett—fowls .....	4 00
	Second best .....	2 00
480	Best pair Narragansett—chicks .....	4 00
	Second best .....	2 00
481	Best pair White—fowls .....	4 00
	Second best .....	2 00
482	Best pair White—chicks .....	4 00
	Second best .....	2 00
483	Best display Turkeys .....	10 00

### Lot 86—Ducks.

484	Best pair Aylesbury .....	\$3 00
	Second best .....	2 00
485	Best pair Rouen.....	3 00
	Second best .....	2 00
486	Best pair Cayuga .....	3 00
	Second best .....	2 00
487	Best pair White Muscovy .....	3 00
	Second best .....	2 00
488	Best pair Colored Muscovy .....	3 00
	Second best .....	2 00
489	Best pair White-Crested .....	3 00
	Second best .....	2 00
490	Best pair Pekin .....	3 00
	Second best .....	2 00
491	Best pair Call .....	3 00
	Second best .....	2 00
492	Best pair East Indian or Labrador .....	3 00
	Second best .....	2 00
493	Best display of Ducks .....	10 00

### Lot 87—Geese.

494	Best pair Embden.....	\$4 00
	Second best .....	2 00
495	Best pair Toulouse .....	4 00
	Second best .....	2 00
496	Best pair White China .....	4 00
	Second best .....	2 00
497	Best pair Egyptians .....	4 00
	Second best .....	2 00
498	Best pair African .....	4 00
	Second best .....	2 00
499	Best display Geese .....	10 00

### Lot 88—Rabbits.

500	Best pair Madagascar .....	\$3 00
	Second best .....	2 00
501	Best pair White Angoras .....	3 00
	Second best .....	2 00
502	Best pair Fawn Angoras .....	3 00
	Second best .....	2 00
503	Best pair Himalay .....	3 00
	Second best .....	2 00
504	Best pair Dutch .....	3 00
	Second best .....	2 00
505	Best pair Belgian Hares .....	3 00
	Second best .....	2 00
506	Best pair English Rabbits .....	3 00
	Second best .....	2 00

**Lot 89—Ferrets.**

507	Best pair English Ferrets .....	\$3 00
	Second best .....	2 00
508	Best pair American White Ferrets .....	3 00
	Second best .....	2 00

**Lot 90—Pigeons.**

509	Best display of Pigeons, not less than ten varieties .....	\$10 00
	Second best .....	5 00

**CLASS F.—Mechanic Arts.**

E. E. CHESTER, SUPERINTENDENT.

1. All articles must be entered and cards obtained from the Secretary before space will be assigned.

2. No premiums except as noted will be awarded in this class, but every facility afforded for exhibition.

3. Articles entered for exhibition shall be in place in the several departments not later than 9 o'clock A. M., Tuesday, September 9, 1884.

4. Entries close Saturday, September 6, 1884, at 6 o'clock P. M.

5. Articles on exhibition cannot be removed until the close of the Fair except upon the written permission of the President.

**Lot 91—Stoves, Castings, Worked Metals, etc.**

510	Display of Stoves, Ranges, Tin and Copper Ware.
511	Display of Plumber's Work.
512	Display of Brass and Iron Wire Work
513	Display of general Hardware.
514	Display of Cutlery and Mechanics' Tools.
515	Display of Fire-arms.
516	Display of Malleable Iron Casting.
517	Display of Lamps for burning Kerosene.
518	Display of Silver-plated Ware.
519	Display of Scales (other than hay or cattle).
520	Refrigerator.
521	Fruit Dryer.
522	Weather Strips.
523	Water Filter.
524	Meat Cutter.

**Lot. 92—Household Furniture.**

525	Display of general Household Furniture.
526	12 Brooms.
527	Washing Machine.
528	Mangling Machine.
529	Wringer.
530	Cherry Stoner.

**Lot 93—Dairy Utensils.**

531	Churn.
532	Cheese Vat.
533	Creamer.

534	Milk Cans.
535	Cream Extractor.
536	Butter Worker.
537	Butter and Cheese Color.
538	Butter and Cheese Packages.
539	Display Dairy Utensils.

**Lot 94—Manufactures of Various Kinds.**

540	Display of Rockingham Ware.
541	Display of Porcelain Pottery Ware.
542	Display of Glass and Glass Ware.
543	Display of Paints and Oils.
544	Display of Willow Ware.
545	Display of Doors, Sash and Blinds.
546	Display of Copper Work.
547	Display of Tobaccos and Cigars.
548	Display of Bound Blank Books, Printing, Writing and Wrapping Paper.
549	Display of Paper Hanging and Borders.
550	Display of Philosophical and Mathematical Instruments.
551	Display of Dental and Surgical Instruments.
552	Display of Clocks and Watches.
553	Display of Jewelry.
554	Display of Preserved Fresh Meats.
555	Display of Condensed Milk and Cream.
556	Display of Soap.
557	Display of Fancy Toilet Goods.
558	Display of Crackers, Confections and Candies.
559	Display of Dry Goods and Carpets.
560	Display of Hats and Caps.
561	Display of Ready-made Clothing.
562	Display of Musical Instruments.
563	Display of Druggists' Goods.



- 564 Display of Millinery Goods.
- 565 Display of Groceries.
- 566 Seamless Grain Sacks.
- 567 Roofing Material.
- 568 Artificial Limb.
- 569 Body Brace.
- 570 Truss.
- 571 Fruit Crates and Packages.

### Lot 95—Leather, etc.

- 572 Set of Carriage Harness.
- 573 Set of Single Buggy Harness.
- 574 Set of Wagon Harness.
- 575 Gentlemen's Saddle.
- 576 Ladies' Saddle.
- 577 Display of Harness and Saddles.
- 578 Display of Boots and Shoes.
- 579 Horse Collar.

### Lot 96—Sewing and Knitting Machines, and Spinning Wheels.

- 580 Family Sewing Machine.
- 581 Manufacturing Machine for Cloth Work.
- 582 Manufacturing Machine for Leather Work.
- 583 Machine for Soling Boots and Shoes.
- 584 Series of Samples of Work Done by a Family Sewing Machine.
- 585 Series of Samples of Work Done by a Machine for Manufacturing Cloth Work.
- 586 Series of Samples of Work Done by a Machine for Manufacturing Leather Work.
- 587 Series of Samples of Work Done by a Machine for Soling Boots and Shoes.

- 588 Family Knitting Machine.

### Lot 97—Miners Tools.

- 589 Best Display Coal Miners Tools,  
Diploma and \$50 00

### Coal-Mining Machinery and Appliances.

- Best Double-Hoisting Engine.
- Best Single-Hoisting Engine.
- Best Mine Car.
- Best Coal Screen.
- Best Car Wheel.
- Best Cage for Hoisting Coal.
- Best Safety Catch for Cages.
- Best Ventilating Fan.
- Best Mining Machine.
- Best Non-conductor for Steam Pipe.
- Best Water-pipe for Mines.
- Best Mining Pump.
- Best Air Compressor.
- Best Miner's Lamp.
- Best Safety Lamp.
- Best Mine Surveying Instrument.
- Best Iron or Steel Rope.
- Best Safety Squib.
- Best "T" Rail.
- Best Shearer for Pit Head.
- Best Coal Miners' Tools. (As required by the Illinois' law.)
- Best Prospecting Drill.
- Best Anemometer.
- Best Barometer.
- Best Thermometer.
- Best Water Gauge.

} For use in mines.

## CLASS G.—Farm Products.

JOSEPH SKEAVINGTON, SUPERINTENDENT.

1. All Grains, Seeds and Vegetables competing for premiums must be exhibited by the producer, and must have been grown in the year 1884.
2. Awarding Committees will report for duty to the Superintendent promptly at 9 a. m., Tuesday, September 9, 1884.
3. All articles entered for exhibition shall be in place in the several departments not later than 9 o'clock a. m., Tuesday, September 9, 1884.
4. Entries close Saturday, September 6, 1884, at 6 o'clock p. m.
5. No article on exhibition can be removed until the close of the Fair, except upon the permission of the President.

**Lot 98—Grains and Seed.**

590	Best sample White Winter Wheat, not less than 1 bush..	\$10 00	604	Best sample Clover Seed, not less than 1 bushel.....	5 00
	Second best.....	5 00		Second best.....	2 00
591	Best sample Red Winter Wheat, not less than 1 bushel.....	10 00	605	Best sample Blue-Grass Seed, not less than 1 bushel.....	5 00
	Second best.....	5 00		Second best.....	2 00
592	Best sample Red Spring Wheat, not less than 1 bushel.....	10 00	606	Best sample of Orchard-Grass Seed, not less than 1 bushel..	5 00
	Second best.....	5 00		Second best.....	2 00
593	Best sample Rye, not less than 1 bushel.....	5 00	607	Best sample Flax Seed, not less than 1 bushel.....	5 00
	Second best.....	3 00		Second best.....	2 00
594	Best sample Oats, not less than 1 bushel.....	5 00	608	Best sample Red Top Grass Seed, not less than 1 bushel..	5 00
	Second best.....	3 00		Second best.....	2 00
595	Best sample of Fall Barley, not less than 1 bushel.....	5 00	609	Best bale of Broom Corn.....	5 00
	Second best.....	3 00		Second best.....	2 00
596	Best sample Spring Barley, not less than 1 bushel.....	5 00	610	Best White Field Beans, not less than half bushel.....	5 00
	Second best.....	3 00		Second best.....	2 00
597	Best sample White Indian Corn, not less than 1 bushel, in the ear.....	5 00	611	Best Lima Beans, not less than 1 peck.....	5 00
	Second best.....	3 00		Second best.....	2 00
598	Best sample of Yellow Indian Corn, not less than 1 bushel in the ear.....	5 00	612	Best and greatest variety of Garden Peas, not less than 1 quart each.....	2 00
	Second best.....	3 00	613	Best Castor Beans, not less than 1 bushel.....	10 00
599	Best sample of Field Corn on the stalk, 5 or more stalks.....	3 00	614	Best Timothy Hay, in bale of not less than 350 pounds.....	5 00
	Second best.....	2 00		Second best.....	3 00
600	Best sample Pop Corn, not less than 1 peck, in the ear.....	3 00	615	Largest and best display of Grains and Seeds, samples distinct from the foregoing, by any one person, samples to consist of not less than 1 quart of Grain and one pint of Seed.....	Dip. and 30 00
	Second best.....	2 00		To Agricultural Boards of Illinois only.	
601	Best sample Sweet Corn, not less than half bushel, in the ear.....	3 00	616	Largest and best display of Grains and Seeds, by County, Union or District Agricultural Board, samples to consist of not less than 1 quart of Grain and 1 pint of Seed.	Dip. and 30 00
	Second best.....	2 00			
602	Best sample Buckwheat, not less than 1 bushel.....	5 00			
	Second best.....	2 00			
603	Best sample of Timothy Seed, not less than 1 bushel.....	5 00			
	Second best.....	2 00			

**LOT 99—SEED CORN.**

The premiums for corn grown in each of the three Judicial Divisions of the State are offered on the following conditions:

Each of the three parties awarded the first premium to deliver twenty-bushels, and each of the three parties awarded the second premium to deliver fifteen bushels of corn, free of charge, to the State Board of Agriculture, at Springfield, prior to January 1, 1885. The corn delivered to be in ear, in sacks, and equal in quality to the samples awarded the respective premiums at the State Fair.

The following premiums to be paid the first week in January, 1885, when the premium corn and the amounts called for above are compared at the rooms of the Department of Agriculture, at Springfield, and are favorably reported upon by a Committee:

617	Best bushel Seed Corn (in ear) grown in the Northern Division of the State..	\$100 00
	Second best.....	50 00
618	Best bushel Seed Corn (in ear) grown in the Central Division of the State....	100 00
	Second best.....	50 00
619	Best bushel Seed Corn (in ear) grown in the Southern Division of the State.	100 00
	Second best.....	50 00

*Awarding Committee.*

Caleb Wright, Libertyville, Lake county.  
 Frank A. Warner, Chicago, Cook county.  
 G. W. Minier, Minier, Tazewell county.

**Lot 100—Vegetables.**

620	Best early Irish Potatoes, not less than 1 bushel.....	\$5 00
	Second best.....	3 00
621	Best late Irish Potatoes, not less than 1 bushel.....	5 00
	Second best.....	3 00
622	Best Sweet Potatoes, not less than 1 bushel.....	5 00
	Second best.....	3 00
623	Best Onions, not less than 1 bushel.....	4 00
	Second best.....	2 00
624	Best Table Turnips, not less than 1 bushel.....	4 00
	Second best.....	2 00
625	Best Beets for table use, not less than 1 bushel.....	4 00
	Second best.....	2 00
626	Best Mangel Wurzels, not less than 1 bushel.....	4 00
	Second best.....	2 00
627	Best Parsnips for table use, not less than 1 bushel.....	4 00
	Second best.....	2 00
628	Best Cauliflower.....	4 00
	Second best.....	2 00
629	Best Celery, not less than 12 stalks.....	4 00
	Second best.....	2 00
630	Best three varieties Cabbage, not less than 6 heads each... ..	8 00
	Second best.....	4 00
631	Best Tomatoes, not less than 1 peck.....	4 00
	Second best.....	2 00
632	Best 6 Pumpkins.....	4 00
	Second best.....	2 00
633	Best 6 Squashes.....	4 00
	Second best.....	2 00
634	Best 6 Watermelons.....	4 00
	Second best.....	2 00
635	Best 6 Muskmelons.....	4 00
	Second best.....	2 00
636	Best Carrots, not less than half a bushel.....	5 00
	Second best.....	3 00
637	Best 6 Egg-Plant—fruit.....	4 00
	Second best.....	2 00
638	Best bale of Hops.....	4 00
639	Best and greatest variety of Garden Seeds, named.....	10 00
	Second best.....	5 00
640	Best Tobacco, to be shown "in hand," not less than 10 pounds.....	5 00
	Second best.....	3 00
641	Best Sugar Beets, not less than 1 bushel.....	5 00
	Second best.....	3 00
642	Largest and best display of Garden Vegetables, not less than twenty varieties, samples distinct from foregoing.....	10 00
	Second best.....	5 00
643	Best display of Garden Seeds.....S. M. and.....	20 00
	Second best.....	10 00
644	Best display of Irish Potatoes, not less than 25 varieties.....	Dip.

*Awarding Committee.*

George Weedman, Farmer City, DeWitt county.  
 Lester Barber, Marengo, McHenry county.  
 F. A. Beiser, Champaign, Champaign county.

**Lot 101—Butter, Cheese, Etc.**

645	Best barrel Winter Wheat Flour. Dip.	
646	Best barrel Spring Wheat Flour.	
647	Best Starch of Wheat not less than 10 pounds, Illinois manufacture.....	
648	Best Starch of Indian Corn, not less than 10 pounds, Illinois manufacture.....	
649	Best Butter, not less than 10 pounds, made at any time during the year.....	\$10 00
	Second best.....	5 00
650	Best Butter made in May or June, not less than 10 pounds.....	10 00
	Second best.....	5 00
651	Best Fresh Butter, not less than 10 pounds.....	10 00
	Second best.....	5 00
652	Best and largest display of Butter, samples distinct from foregoing.....	15 00
653	Best Cheese, 1 year old or over.....	10 00
	Second best.....	5 00
654	Best Cured Cheese, under 1 year old.....	10 00
	Second best.....	5 00
655	Best New Cheese.....	10 00
	Second best.....	5 00
656	Best and largest display of Cheese, samples distinct from foregoing.....	15 00
657	Best display of Sugar-Cured Hams and Breakfast Bacon. Dip.	
658	Best lot of Comb Honey, not less than 10 pounds.....	5 00
	Second best.....	3 00
659	Best lot Extracted Honey, not less than 10 pounds.....	5 00
	Second best.....	3 00
660	Best Machine for Extracting Honey.....	5 00
661	Best display of Dairy Requisites. Dip.	

*Awarding Committee.*

C. C. Buell, Rock Falls, Whiteside county.  
 Jno. Swanzey, Ridott, Stephenson county.  
 E. L. Byington, Lanark, Carroll county.

**Lot 102—Bread, Cakes, Etc.**

662	Best loaf of Wheat Bread, made with hop yeast.....	4 00
	Second best.....	2 00
663	Best loaf of Wheat Bread, made with milk rising.....	4 00
	Second best.....	2 00
664	Best loaf of Bread, made of unbolted flour.....	4 00
	Second best.....	2 00
665	Best loaf of Rye Bread.....	4 00
	Second best.....	2 00
666	Best loaf of Corn Bread.....	4 00
	Second best.....	2 00
667	Best Sponge Cake.....	4 00
	Second best.....	2 00



668	Best Snow Cake.....	4 00	681	Best Queen of the Prairie Cake.....	4 00
	Second best.....	2 00		Second best.....	2 00
669	Best Pound Cake.....	4 00	682	Best Chocolate Cake.....	4 00
	Second best.....	2 00		Second best.....	2 00
670	Best Jelly Cake.....	4 00	683	Best Crackers, not less than 5 pounds.....	4 00
	Second best.....	2 00		Second best.....	2 00
671	Best Fruit Cake.....	4 00	684	Best quart Sorghum Molasses.....	3 00
	Second best.....	2 00		Second best.....	2 00
672	Best Silver Cake.....	4 00	685	Best sample of Sugar made of Sorghum, 5 or more pounds.....	3 00
	Second best.....	2 00		Second best.....	2 00
673	Best Gold Cake.....	4 00	686	Best sample of Flavoring Extracts, in variety.....	Dip.
	Second best.....	2 00	687	Best pound browned Coffee.....	1 00
674	Best Nut Cake.....	4 00	688	Best can Sweet Corn.....	2 00
	Second best.....	2 00	689	Best can Common Corn.....	2 00
675	Best Doughnuts.....	4 00			
	Second best.....	2 00			
676	Best Ginger Cake.....	4 00			
	Second best.....	2 00			
677	Best Marble Cake.....	4 00			
	Second best.....	2 00			
678	Best Orange Cake.....	4 00			
	Second best.....	2 00			
679	Best Lemon Cake.....	4 00			
	Second best.....	2 00			
680	Best Coconut Cake.....	4 00			
	Second best.....	2 00			

*Awarding Committee.*

Mrs. S. S. Flagg, Moro, Madison county.  
 Mrs. Geo. D. Chafer, Shelbyville, Shelby county.  
 Mrs. John VanDyke, Na-au-say, Kendall county.

## CLASS H.—Horticulture and Floriculture.

### SECTION I.—TREES, FLOWERS, PLANTS, ETC.

#### GEORGE S. HASKELL, SUPERINTENDENT.

1. All articles in this class must be correctly named and labeled, with not more than two specimens of any one variety.

2. Plants competing for a premium must be arranged together, and separate samples must be furnished for each entry.

3. One specimen of each of the varieties of trees competing shall have been grown and trained for the respective use of ornamental, shade, lawn or timber trees, as entered.

4. Cut flowers and designs must be ready for inspection at or before 10 o'clock A. M., Tuesday, September 9, 1884.

5. Awarding Committees will report for duty to the Superintendent promptly at 1 o'clock P. M., Tuesday, September 9, 1884.

6. All articles entered for exhibition shall be in place in the several departments not later than 9 o'clock A. M., Tuesday, September 9, 1884.

7. Entries will positively close Saturday, September 6, 1884, at 6 o'clock P. M.

8. No article or object deemed unworthy shall be awarded a premium.

### Lot 103—Trees.

[Competition open to all.]

- 690 Best collection of cultivated, useful, hardy, Evergreen Trees, not less than 6 varieties, not less than 4 of each variety..... Dip.  
Second best..... S. M.  
691 Best collection of cultivated, deciduous Ornamental, Shade, Lawn and Forest Trees..... Dip.  
Second best..... S. M.

### FLOWERS AND PLANTS.

[For Professional Florists and Dealers only.]

- 692 Best collection of distinct varieties of Greenhouse and Hot-house plants, not to include specimens entered for other premiums..... Dip. and \$50 00  
Second best..... 30 00  
693 Best collection of Cactus, Agaves and Aloes..... 10 00  
694 Best collection of Echeverias and Succulents..... 5 00  
695 Best and most showy varieties of Red Begonias..... 5 00  
696 Best collection of Tuberous rooted Begonias..... 5 00  
697 Best collection winter flowering Begonias..... 5 00  
698 Best and largest collection Geraniums in flower..... 15 00  
699 Best 6 single varieties Geraniums..... 5 00  
700 Best 6 double varieties Geraniums..... 5 00  
701 Best collection foliage and variegated Geraniums..... 5 00  
702 Best new Seedling Geranium..... S. M. and 5 00  
703 Best collection of Carnations, in bloom..... 15 00  
704 Best collection of Roses in pots, in bloom..... 15 00  
705 Best pair of Hanging Baskets, of Plants..... 5 00  
706 Best single Specimen Plant of any kind..... 10 00  
707 Best collection of Palms..... 10 00  
708 Best single Palm..... 5 00  
709 Best single Ficus..... 5 00  
710 Best collection of Ferns..... 10 00  
711 Best Croton..... 5 00  
Second best..... 3 00  
712 Best collection of Bulbs, correctly named..... S. M.  
713 Best new and meritorious Plant. Dip.

*Awarding Committee.*

Jabez Webster, Centralia, Marion county.  
Arthur Holt, Manteno, Kankakee county.  
Stephen Bunce, Peoria, Peoria county.

### Lot 104—Cut Flowers.

[For Professional Florists only.]

- 714 Best collection of Cut Flowers..... \$15 00  
Second best..... 6 00  
714 Best collection of Asters..... 10 00  
Second best..... 6 00

- 716 Best collection of Dahlias named..... 10 00  
Second best..... 6 00  
717 Best collection of 18 Dahlias, dissimilar bloom..... 5 00  
Second best..... 3 00  
718 Best collection of Pompone or Bouquet Dahlias..... 5 00  
Second best..... 3 00  
719 Best single Dahlia..... 3 00  
Second best..... 2 00  
720 Best Seedling Dahlia..... Dip.  
721 Best display of Dianthus..... 8 00  
Second best..... 5 00  
722 Best collection of Everlastings..... Dip.  
723 Best collection of Grasses..... Dip.  
724 Best and largest display of Cut Roses..... 15 00  
Second best..... 10 00  
725 Best collection of Gladioli..... 10 00  
Second best..... 6 00  
726 Best collection of Pansies..... 8 00  
Second best..... 5 00  
727 Best collection of Phlox Drummondii..... 8 00  
Second best..... 5 00  
728 Best collection of Tuberoses, cut stalks..... 6 00  
Second best..... 4 00  
729 Best collection of Verbenas..... 10 00  
Second best..... 6 00  
730 Best collection of Cut Geraniums..... 10 00  
Second best..... 6 00  
731 Best collection of Double Zinnia..... 5 00  
Second best..... 3 00  
832 Best collection of Double Petunias..... 6 00  
Second best..... 4 00  
733 Best collection of Single Petunias..... 6 00  
Second best..... 4 00  
734 Best and largest collection of Cut Flowers, including above. Dip.

### FLORAL DESIGNS, BOUQUETS, ETC.

- 735 Floral Design..... 35 00  
Second best..... 25 00  
Third best..... 15 00  
736 Best Wreath..... 8 00  
737 Best pair flat Hand Bouquets..... 8 00  
738 Best pair round Hand Bouquets..... 8 00  
739 Best basket of Cut Flowers..... 10 00  
740 Best basket of Cut Roses..... 10 00  
741 Best pair of Bouquets of Grasses..... 5 00  
742 Best Bouquet of Winter Flowers..... 5 00  
743 Best pair of Bridal Bouquets..... 8 00  
744 Best Harp or Lyre..... 8 00  
745 Best Cross..... 8 00  
746 Best Crown..... 10 00  
747 Best display of Florists' Requisites..... S. M.  
748 Best display of Flower Pots..... S. M.  
749 Best general display of Floral Work..... S. M. and 20 00

*Awarding Committee.*

Wm. Hartzell, Chester, Randolph county.  
C. F. Wheat, Macomb, McDonough county.  
Albert H. Hovey, 175 Wabash avenue, Chicago.

# **Lot 109—Cut Flowers, Floral Designs and Boquets by Amateurs.**

Professional Florists not allowed under any circumstances to compete.

750	Best collection of Cut Flowers.	\$6 00
	Second best.	4 00
751	Best collection of Asters.	4 00
	Second best.	2 00
752	Best collection of Balsams.	4 00
	Second best.	2 00
753	Best collection of Dahlias, named, not less than 10 varieties.	4 00
	Second best.	3 00
754	Best collection of Dahlias, Bouquet or Pomponé.	3 00
	Second best.	2 00
755	Best collection of Everlastings.	3 00
	Second best.	2 00
756	Best collection of Gladioli.	5 00
	Second best.	3 00
757	Best collection of Japan Pinks.	4 00
	Second best.	3 00
758	Best collection of Single Petunias.	4 00
	Second best.	3 00
759	Best collection of Double Petunias.	4 00
	Second best.	3 00
760	Best collection of Pansies.	4 00
	Second best.	3 00
761	Best collection of Phlox Drummondii.	4 00
	Second best.	3 00
762	Best collection of Cut Roses.	4 00
	Second best.	3 00

763	Best collection of Tuberoses.	2 00
	Second best.	1 00
764	Best collection of Verbenas.	4 00
	Second best.	3 00
765	Best double Zinnia.	3 00
	Second best.	2 00

## **FLORAL DESIGNS, BOUQUETS, ETC.**

766	Best Floral Design.	\$15 00
	Second best.	12 00
	Third best.	10 00
767	Best Floral Design of Dahlias.	4 00
768	Best Floral Pyramid or Mound.	4 00
769	Best Floral Wreath.	4 00
770	Best pair flat Hand Bouquets.	4 00
	Second best.	2 00
771	Best pair round Hand Bouquets.	4 00
	Second best.	2 00
772	Best pair Grass Bouquets.	4 00
	Second best.	2 00
773	Best basket of Cut Flowers.	4 00
	Second best.	3 00
774	Best Winter basket of Flowers, Leaves and Mosses.	3 00
	Second best.	2 00
775	Best pair of Winter Bouquets.	3 00
	Second best.	2 00
776	Best Floral Heart.	4 00
777	Best Floral Star.	4 00

### *Awarding Committee.*

Julia Wahley, 553 Washington street, Chicago.  
 Mrs. William Hanna, Camp Point, Adams county.  
 Anna Leeds, Lincoln, Logan county.

## **CLASS H—Horticulture and Floriculture.**

### **SECTION II—FRUITS, JELLIES, PICKLES, ETC.**

#### **GEORGE S. HASKELL, SUPERINTENDENT.**

1. All articles in this section must have been grown or produced by the exhibitor, and be correctly named and labeled; a plate of fruit to consist of four specimens, and only one plate of each variety will be permitted to compete for the same premium.

2. Fruit competing for the same premium must be arranged together, and separate samples must be furnished for each entry.

3. A list of fruit shown in collections, specifying the premiums for which entered, must be presented to the Superintendent for the use of the committees.

4. Apples entered for the premiums offered for collection grown in the Northern, Central and Southern Divisions of the State, must have been grown by the exhibitor in the division specified by the entry.

5. Awarding Committees will report for duty to the Superintendent promptly at 1 o'clock P. M., Tuesday, September 9, 1884.



# **Lot 106—Home-Grown Fruits.**

For Professional Fruit Growers and Orchardists.

778	Best collection of Fruits by a Horticultural Society, to be grown within the territorial limits of the society exhibiting.	\$75 00
	Second best	40 00
	Third best	20 00
779	Best collection of Apples (Crabs excepted), 25 varieties	20 00
	Second best	15 00
780	Best collection, 15 varieties, of Apples for Southern Illinois, value for market purposes to be considered.	15 00
	Second best	10 00
181	Best collection, 15 varieties, of Apples for Central Illinois, value for market purposes to be considered	15 00
	Second best	10 00
782	Best collection, 15 varieties, of Apples for Northern Illinois, value for market purposes to be considered	15 00
	Second best	10 00
783	Best specimens Siberian Crab Apples, not less than 5 varieties	3 00
	Second best	2 00
784	Best collection of Pears, not less than 6 varieties, the product of this State.	10 00
	Second best	6 00
785	Best collection Autumn Pears, not less than 5 varieties, the product of this State.	5 00
	Second best	3 00
786	Best Collection of Winter Pears, not less than 3 varieties, the product of this State.	5 00
	Second best	3 00
887	Best collection of Peaches, named, not less than 6 varieties	5 00
	Second best	3 00
788	Best collection of Plums, not less than 3 varieties.	5 00
	Second best	3 00
789	Best 12 Quinces	3 00
790	Best display of Grapes, correctly named	15 00
	Second best	10 00
791	Best Early Grapes, not less than 3 bunches	4 00
	Second best	2 00
792	Best 3 varieties of Late Grapes, for table use, not less than 3 bunches each.	4 00
	Second best	2 00
793	Best 3 varieties of Wine Grapes, not less than 3 bunches each	3 00
	Second best	2 00
794	Best single variety of New Grapes, not less than 2 bunches	Dip.
795	Most attractive and artistically arranged display of Fruits.	\$15 00
796	Finest display of California Fruits.	Diploma and 20 00

## *Awarding Committee.*

Samuel Edwards, Princeton, Bureau county.  
A. R. Whitney, Franklin Grove, Lee county.  
Parker Earle, Cobden, Union county.

# **Lot 107—Home-Grown Fruits.**

[No Professional Fruit-Grower allowed to compete under any circumstances.]

By Farmer or Amateur.

797	Best collection of Apples, 10 varieties	\$10 00
	Second best	5 00
798	Best collection of Apples, 6 varieties	5 00
	Second best	3 00
799	Best California Apples, 4 varieties	3 00
	Second best	2 00
800	Best collection of Pears	3 00
	Second best	2 00
801	Best collection of Peaches	3 00
	Second best	2 00
802	Best collection of Plums	3 00
	Second best	2 00
803	Best Early Grapes, not less than 4 bunches	4 00
	Second best	2 00
804	Best 3 varieties of Late Grapes, for table use, not less than 3 bunches each.	4 00
	Second best	2 00
805	Best 3 varieties of Wine Grapes, not less than 3 bunches each	4 00
	Second best	2 00
806	Best 8 varieties of Apples for Southern Illinois	6 00
	Second best	4 00
807	Best 8 varieties of Apples for Central Illinois	6 00
	Second best	4 00
808	Best 8 varieties of Apples for Northern Illinois	6 00
	Second best	4 00
809	Best display of Grapes	6 00
	Second best	4 00

## *Awarding Committee.*

Dudley Smith, Wadsworth, Lake county.  
H. H. Marbold, Greenview, Menard co.  
Wm. Carl, Wapella, DeWitt county.

# **Lot 108—Jellies, Preserves, Pickles, etc.**

810	Best 6 or more varieties of Fruit Jelly, to include Apple, Plum, Quince, Crab Apple, Peach and Cherry	\$8 00
	Second best	5 00
811	Best 6 or more varieties of small Fruit Jelly, to include Currant, Grape, Blackberry, Raspberry, Strawberry and Gooseberry	8 00
	Second best	5 00

812	Largest and most attractive display of Jellies, not to include samples entered for other premiums.....	\$15 00
	Second best.....	10 00
813	Best 6 or more varieties of Canned Fruit, to include Apple, Plum, Quince, Crab Apple, Peach, Cherry and Tomato..	8 00
	Second best.....	5 00
814	Best 6 or more varieties of Canned Small Fruits, to include Currant, Grape, Blackberry, Raspberry, Strawberry and Gooseberry.....	8 00
	Second best.....	5 00
815	Largest and most attractive display of Canned Fruits, not to include samples entered for other premiums.....	20 00
	Second best.....	15 00
816	Best 10 or more varieties of Preserved Fruits, to include Crab Apples, Quince, Grape, Pear, Strawberry, Cherry and Tomato.....	12 00
	Second best.....	8 00
817	Best 6 or more varieties of Fruit Butter, to include Apple, Peach, Pear, Plum, Quince and Crab Apple.....	7 00
	Second best.....	5 00
818	Best 6 or more varieties of Jam, to include Blackberry, Currant, Raspberry, Strawberry, Grape and Gooseberry.....	7 00
	Second best.....	5 00
819	Best 10 or more varieties of Sour Pickles, to include Cucumber, Cabbage, Onion, Mixed Pickles, Piccalilli, Chow Chow, Gherkins, Peaches, Mangoes and Cherries.....	\$8 00
	Second best.....	6 00
820	Best 5 or more varieties of Sauces, Relishes, Catsups, etc., to include Tomato, Walnut and Cucumber Catsups, Cider Vinegar and Table Sauce.....	6 00
	Second best.....	4 00
821	Best exhibition of Preserved Fruits, Vegetables or Animal Substances, without heat, sugar or air-tight jars.....	Dip.
	Second best.....	S. M.
822	Best, largest and most attractive display of Canned, Dried and Preserved Fruits, by manufacturer or dealer.....	Dip. and 25 00
822	Best display of Horticultural Implements, by manufacturer or agent.....	Dip. and 20 00

*Awarding Committee.*

Mrs. D. B. Gillham, Upper Alton, Madison county.  
 Mrs. Thos. Mc. D. Rickards, Woodstock, McHenry county.  
 Mrs. Dow. R. Frazer, Mt. Carroll, Carroll county.

## CLASS I—Arts.

J. IRVING PEARCE, SUPERINTENDENT.

1. The name of the artist, if known, must be attached to all specimens of Sculpture, Painting, Drawing, etc.

2. All articles entered for exhibition must be in place in the several departments not later than 4 o'clock P. M. Monday, September 8, 1884.

3. Entries will positively close Saturday, September 6, 1884, at 6 o'clock P. M.

No article on exhibition can be removed until the close of the Fair except upon the written permission of the President.

4. Awarding Committee will report for duty Tuesday at 10 A. M. September 9, 1884.

### Lot 109—Fine Arts.

824	Best specimen of Sculpture.....	S. M.
823	Best collection of Statuary.....	S. M.
826	Best collection of Sculpture.....	S. M.
827	Best Portrait in Oil, from Sitings.....	\$10 00
	Second best.....	5 00
828	Best Illinois Landscape in Oil, from Nature.....	20 00
	Second best.....	10 00
829	Best Landscape in Oil, from Nature.....	20 00
	Second best.....	10 00
830	Best Landscape in Oil, copy.....	\$10 00
	Second best.....	5 00
831	Best Animal Painting in Oil, from life.....	10 00
	Second best.....	5 00
832	Best Animal Painting in Oil, copy.....	5 00
	Second best.....	3 00
833	Best Fruit Painting, in Oil.....	10 00
	Second best.....	5 00
834	Best Flower Painting, in Oil.....	10 00
	Second best.....	5 00
835	Best Painting in Oil other than above.....	10 00
	Second best.....	5 00

836	Best Portrait in Water Color, from Sittings.....	\$10 00
	Second best.....	5 00
837	Best Landscape in Water Colors.....	6 00
	Second best.....	4 00
838	Best Flower Piece in Water Colors.....	6 00
	Second best.....	4 00
839	Best Fruit Piece in Water Colors.....	5 00
	Second best.....	3 00
840	Best Painting in Water Colors other than above.....	5 00
	Second best.....	3 00
841	Best Charcoal Sketch in Crayon, from Nature.....	3 00
	Second best.....	2 00
842	Best Pencil Drawing from Nature.....	5 00
	Second best.....	3 00
843	Best Pencil Drawing, copy.....	2 00
	Second best.....	1 00
844	Best and largest display Oil Paintings.....	40 00
	Second best.....	25 00
	Third best.....	15 00
845	Best and largest display of Paintings in Water Colors.....	15 00
	Second best.....	10 00

*Awarding Committee.*

R. G. Gibson, Mason, Effingham County.  
Joseph Utley, Dixon, Lee County.  
J. W. Barber, Albion, Edwards County.

**Lot 110—Decorative Art.**

846	Best Painting on Satin (oil).....	5 00
	Second best.....	3 00
847	Best Painting on Velvet or Plush.....	5 00
	Second best.....	3 00
848	Best Kensington Painting.....	4 00
	Second best.....	2 00
849	Best Painted Face.....	3 00
	Second best.....	1 00
850	Best Flower or Fruit Painting on China.....	3 00
	Second best.....	2 00
851	Best Painted and decorated China Plaque.....	3 00
	Second best.....	2 00
852	Best Painted Plaque.....	3 00
	Second best.....	2 00
853	Best Painted Tile.....	3 00
	Second best.....	2 00
854	Best Painted Umbrella-holder.....	3 00
	Second best.....	2 00
855	Best Painted Fire Screen.....	3 00
	Second best.....	2 00

856	Best Painted Panel.....	\$3 00
	Second best.....	2 00
857	Best Painted Sofa Pillow.....	3 00
	Second best.....	2 00
858	Best Painted Tidy.....	3 00
	Second best.....	2 00
859	Best Painted Lambrequin.....	3 00
	Second best.....	2 00
860	Best Painted Toilet Set.....	3 00
	Second best.....	2 00
861	Best Painted Stand Cover.....	3 00
	Second best.....	2 00
862	Best Painting on Pottery.....	3 00
	Second best.....	2 00
863	Best Landscape Painting on China.....	4 00
	Second best.....	2 00
864	Best Etching on Linen.....	3 00
	Second best.....	2 00
865	Best Etching on China.....	3 00
	Second best.....	2 00
866	Best Monotype.....	3 00
	Second best.....	2 00
867	Best Luster Painting.....	4 00
	Second best.....	2 00
868	Best and largest display of articles named in this lot, the work of party making the etching within two years.....	20 00
	Second best.....	10 00

*Awarding Committee.*

Mrs. M. T. Stookey, Belleville, St. Clair County.  
Mrs. G. W. McDowell, Fairbury, Livingston County.  
L. L. Hiatt, Wheaton, Du Page County.

**Lot 111—Photography, Etc.**

No premium awarded in this lot, but every facility afforded for exhibition. Articles must be entered and cards obtained from Secretary before space will be assigned.

869	Plain Photograph.....	
870	Photograph in India Ink.....	
871	Photograph in Water Colors.....	
872	Photograph in Oil.....	
873	Collection 12 or more Stereoscopic Views.....	
874	Hand Crayon work.....	
875	Solar Print Crayon work.....	
876	Contact Photograph, not less than 11x14 inches.....	
877	Collection 12 or more Cabinet or Panel Photographs.....	
878	Display Photographic work.....	



## CLASS K—Textile Fabrics.

H. G. SAVAGE, SUPERINTENDENT.

1. All articles in this class must be the handiwork of the exhibiter, and must have been manufactured within two years, unless otherwise noted.

2. The words "best display" refer in the first place to quality, and in the second place to quantity.

3. Under the general head of Embroidery are included Monograms, Cushions, Handkerchief Boxes, Glove Boxes, Wall Pockets, Suspenders, Letter Cases, Paper Receptacles, Tidies embroidered on different styles of canvass or otherwise, Dressing Cases, and all articles which shall be exclusively Embroidery. Each kind must compete with its kind. Silk embroidery cannot compete with worsted embroidery.

4. The committee are instructed not to award premiums unless the articles are deemed worthy of merit, nor to articles borrowed or purchased for competition, or to those incorrectly named.

5. Articles in this class will be examined Tuesday, September 9, 1884, commencing promptly at 9 o'clock A. M.

6. Articles entered for exhibition must be in place in the several departments not later than 5 o'clock P. M., Monday, September 8, 1884.

7. Entries positively close Saturday, September 6, 1884, at 6 o'clock P. M.

8. No article on exhibition can be removed until the close of the Fair, except upon the written permission of the President.

Any article having been properly entered can be forwarded, with the entry card attached, by express (*charges prepaid*) to the Superintendent of the Department, H. G. Savage, care Hiram Sibley & Co., 200 Randolph street, Chicago, Ill., who will place the goods upon exhibition, and return them to the exhibiter at the close of the Fair.

There will be a competent lady assistant who will receive the goods at the Fair and attend to the proper display.

### Lot 112—Manufactured Goods.

879	Best display of Woolen Goods..	Dip.
880	Best display of Mixed Cotton and Wool.....	"
881	Best display of Cotton Goods..	"
882	Best display of Linen Goods....	"
883	Best display of Carpets.....	"
884	Best display of Quilts.....	"
885	Best display of Blankets.....	"
886	Best display of Knit Goods.....	"
887	Best display of Silk Goods.....	"
888	Best display of Men's Clothing..	"
889	Best display of Ladies' Dresses..	"
890	Best display of Gloves and Mittens.....	"
891	Best display of Fur Carriage Robes.....	"
892	Best display of Society Regalia..	"
893	Best display of Dress Goods.....	"
894	Best display of Millinery.....	"
895	Best display of Ladies' Furs.....	"

*Awarding Committee.*

Jno. Cunningham, Salem, Marion county.  
J. M. Thomas, Wyoming, Stark county.  
Wm. A. Lemma, Carbondale, Jackson Co.

### TO BE THE HANDIWORK OF THE EXHIBITER.

896	Best pair of Blankets.....	\$3 00
	Second best.....	2 00
897	Best pair of Ladies' Stockings—Wool.....	3 00
	Second best.....	2 00
898	Best pair of Ladies' Stockings—Cotton.....	3 00
	Second best.....	2 00
899	Best pair of Men's Socks—Wool.....	2 00
	Second best.....	1 00
900	Best pair of Men's Socks—Cotton.....	2 00
	Second best.....	1 00
901	Best pair of Mittens—Wool.....	2 00
	Second best.....	1 00
902	Best pair of Mittens—Silk.....	2 00
	Second best.....	1 00
903	Best Foot Mat—Wool.....	3 00
	Second best.....	2 00
904	Best Parlor Rug—Wool.....	3 00
	Second best.....	2 00
905	Best Hearth Rug—Wool.....	3 00
	Second best.....	2 00
906	Best Hearth Rug—Rags.....	3 00
	Second best.....	2 00
907	Best Carriage Mat.....	3 00
	Second best.....	2 00

908	Best pair of Woolen Sheets.....	3 00
	Second best.....	2 00
909	Best pair of Linen Sheets.....	3 00
	Second best.....	2 00
910	Best Ladies' Dress.....	3 00
	Second best.....	2 00
911	Best Child's Dress.....	3 00
	Second best.....	2 00
912	Best suit Boys' Clothes.....	3 00
	Second best.....	2 00
913	Best Hand Made Shirt.....	3 00
	Second best.....	2 00
914	Best Machine Made Shirt.....	2 00
	Second best.....	1 00
215	Best Quilted Silk Skirt.....	3 00
	Second best.....	2 00
916	Best pair Curtains trimmed with lace.....	3 00
	Second best.....	2 00
917	Best Collection of Knitting—Socks and Stockings.....	3 00
	Second best.....	2 00
918	Best Knitted Wool Lace.....	2 00
	Second best.....	1 00
919	Best Knitted Cotton Lace.....	2 00
	Second best.....	1 00
920	Best Knitted Silk Lace.....	2 00
	Second best.....	1 00
921	Best sample Plain Sewing, embracing different Stitches, Tucking, Hemming, Felling, Gathering and Seaming.....	4 00
	Second best.....	2 00
922	Best made Night Dress.....	2 00
	Second best.....	1 00
923	Best made Chemise.....	2 00
	Second best.....	1 00
924	Best specimen of Darning and Repairing.....	2 00
	Second best.....	1 00
925	Best Kitchen Apron.....	2 00
	Second best.....	1 00

*Awarding Committee.*

Mrs. Robert Hazlett, Springfield, Sangamon county.  
 Mrs. A. C. Hammond, Warsaw, Hancock county.  
 Frank M. Blair, 555 Water St., Chicago.

**Lot 113—Quilts and Patchwork.**

926	Best Silk Quilt—Patchwork.....	\$4 00
	Second best.....	2 00
927	Best Silk Quilt—Embroidered ..	4 00
	Second best.....	2 00
928	Best Japanese or Fancy Silk Quilt.....	4 00
	Second best.....	2 00
929	Best Silk Crib Quilt.....	3 00
	Second best.....	2 00
930	Best Cotton Crib Quilt.....	2 00
	Second best.....	1 00
931	Best Cotton Patchwork Quilt...	4 00
	Second best.....	2 00
932	Best Worsted Patchwork Quilt.....	4 00
	Second best.....	2 00
933	Best Quilt made by lady over 60 years old.....	4 00
	Second best.....	2 00
934	Best knitted Cotton Spread.....	3 00
	Second best.....	2 00
935	Best Log Cabin Quilt.....	3 00
	Second best.....	2 00
936	Best White Quilt.....	4 00
	Second best.....	2 00

937	Best Crochet Spread.....	4 00
	Second best.....	2 00
938	Best Silk Comforter.....	3 00
	Second best.....	2 00
939	Best Worsted Comforter.....	3 00
	Second best.....	2 00
940	Best Specimen Quilting.....	2 00
	Second best.....	1 00
941	Best Japanese or Patchwork Sofa Pillow.....	2 00
	Second best.....	1 00
942	Best Japanese or Patchwork Table Cover.....	2 00
	Second best.....	1 00
943	Best Japanese or Patchwork Chair Stripe.....	2 00
	Second best.....	1 00

*Awarding Committee.*

Mrs. W. A. Bickett, Sibley, Ford county.  
 Miss Emma Pickrell, Mechanicsburg, Sangamon county.  
 Miss Fannie Fulkerson, Jerseyville, Jersey county.

**Lot 115—Ornamental Needle-Work.**

944	Best specimen Braiding.....	\$3 00
	Second best.....	2 00
945	Best Braided Pillow Case or Sham.....	3 00
	Second best.....	2 00
946	Best Hemstitching.....	3 00
	Second best.....	2 00
947	Best Silk Embroidery.....	3 00
	Second best.....	2 00
948	Best Worsted Embroidery.....	3 00
	Second best.....	2 00
949	Best Cotton Embroidery.....	3 00
	Second best.....	2 00
950	Best Linen Embroidery.....	3 00
	Second best.....	2 00
951	Best Embroidered Handkerchief.....	3 00
	Second best.....	2 00
952	Best Ribbon Embroidery.....	2 00
	Second best.....	1 00
953	Best Embroidered Fire Screen.....	3 00
	Second best.....	2 00
954	Best Gold Embroidery.....	3 00
	Second best.....	2 00
955	Best Embroidered Infant's Shawl.....	2 00
	Second best.....	1 00
956	Best Kensington Embroidery, silk.....	4 00
	Second best.....	2 00
957	Best Kensington Eembroidery, worsted.....	4 00
	Second best.....	2 00
958	Best Chair Cover, back and seat.....	8 00
	Second best.....	4 00
959	Best Cover for Ottoman or Footrest.....	5 00
	Second best.....	3 00
960	Best Sofa Pillow, silk.....	5 00
	Second best.....	3 00
961	Best Sofa Pillow, worsted.....	5 00
	Second best.....	3 00
962	Best Carriage Afghan.....	8 00
	Second best.....	4 00
963	Best Infant Afghan.....	4 00
	Second best.....	2 00

964	Best Infant Robe.....	4 00
	Second best.....	2 00
965	Best Toilet Set, embroidered...	5 00
	Second best.....	3 00
966	Best Set Toilet Mats, on canvas.....	3 00
	Second best.....	2 00
967	Best Toilet Cushion, embroidered.....	3 00
	Second best.....	2 00
968	Best Infant Skirt, embroidered.....	3 00
	Second best.....	2 00
969	Best Worsted Tapestry Work.....	5 00
	Second best.....	3 00
970	Best Japanese Tidy.....	3 00
	Second best.....	2 00
971	Best Embroidered Silk Tidy.....	3 00
	Second best.....	2 00
972	Best Worsted Tapestry Picture.....	6 00
	Second best.....	3 00
973	Best Silk Tapestry Picture.....	6 00
	Second best.....	3 00
974	Best specimen Guipure Lace.....	3 00
	Second best.....	2 00
975	Best Embroidered Pillow Case or Sham.....	4 00
	Second best.....	2 00
976	Best Chenille Embroidery.....	5 00
	Second best.....	3 00
977	Best Lambrequin for Window.....	3 00
	Second best.....	2 00
978	Best Lambrequin for Mantel.....	3 00
	Second best.....	2 00
979	Best Lambrequin for Bracket.....	3 00
	Second best.....	2 00
980	Best Embroidered Piano Cover.....	4 00
	Second best.....	3 00
981	Best Embroidered Table Cover.....	4 00
	Second best.....	3 00
982	Best Table Scarf.....	3 00
	Second best.....	2 00
983	Best Lap Robe.....	3 00
	Second best.....	2 00
984	Best specimen Darned Net.....	3 00
	Second best.....	2 00
985	Best Arrasene Embroidery, silk.....	4 00
	Second best.....	2 00
986	Best Arrasene Embroidery, worsted.....	4 00
	Second best.....	2 00
987	Best Etching in silk.....	3 00
	Second best.....	2 00
988	Best Etching in cotton.....	3 00
	Second best.....	2 00
989	Best Plush Embroidery.....	5 00
	Second best.....	3 00

*Awarding Committee.*

Miss Jessie Gillett, Elkhart, Logan county.  
 Mrs. C. M. Hodder, Aurora, Kane county.  
 Mrs. E. P. Savage, Waukegan, Lake county.

**Lot 116—Fancy Work.**

990	Best specimen Honiton Lace.....	\$3 00
	Second best.....	2 00
991	Best specimen Applique Lace.....	3 00
	Second best.....	2 00
992	Best specimen Point Lace.....	3 00
	Second best.....	2 00
993	Best Lamp Mat.....	2 00
	Second best.....	1 00
994	Best Darning Bag.....	2 00
	Second best.....	1 00

995	Best Slipper Case.....	\$3 00
	Second best.....	2 00
996	Best Card Receiver.....	2 00
	Second best.....	1 00
997	Best Needle Case.....	2 00
	Second best.....	1 00
998	Best Comb Case.....	2 00
	Second best.....	1 00
999	Best Tidy in Wool.....	3 00
	Second best.....	2 00
1000	Best Tidy in Cotton.....	3 00
	Second best.....	2 00
1001	Best Fancy Tidy, any material.....	3 00
	Second best.....	2 00
1002	Best Crochet Work in Worsted.....	3 00
	Second best.....	2 00
1003	Best Crochet Work in Cotton.....	3 00
	Second best.....	2 00
1004	Best pair Silk Mittens, knit.....	3 00
	Second best.....	2 00
1005	Best sample Netting.....	2 00
	Second best.....	1 00
1006	Best Toilet Cushion.....	2 00
	Second best.....	1 00
1007	Best Work Basket.....	2 00
	Second best.....	1 00
1008	Best Infant Basket.....	2 00
	Second best.....	1 00
1009	Best Scrap Basket.....	2 00
	Second best.....	1 00
1010	Best Wash-stand Set.....	3 00
	Second best.....	2 00
1011	Handsomest Whisk - broom Holder.....	2 00
	Second best.....	1 00
1012	Best Display and Largest Variety Fancy Work done by One Person.....	25 00
	Second best.....	15 00
	Third best.....	10 00

*Awarding Committee.*

Mrs. J. A. Cunningham, Hoopeston, Vermillion county.  
 Mrs. J. S. Barber, Albion, Edwards county.  
 Miss A. Brown, Galena, Jo Daviess county.

**Lot 117—Machine Work.**

- 1013 To the largest, best and most attractive display of Sewing Machine work, by a Sewing Machine Company or its Agent..... Diploma and \$20 00
- 1014 To the finest display of Household Art Decorations, by a Sewing Machine Company or its Agent..... Diploma and 15 00

*Awarding Committee.*

Mrs. Simon Elliott, Princeton, Bureau county.  
 E. E. Lovett, St. Elmo, Fayette county.  
 H. B. Scutt, Joliet, Will county.

**Lot 118—Display of Ladies' Work.**

After premiums are awarded in other lots, exhibitors will be allowed to assist in placing their articles in proper position, where they will be acted upon by a committee who have not served in the other lots in this class.



1015 The largest display of Fancy Needle and Ornamental work (excepting Quilts) by one person.

First premium .....	\$35 00
Second ..	25 00
Third ..	15 00
Fourth ..	10 00

*Awarding Committee.*

Mrs. G. L. Pittinger, Centralia, Marion county.  
Mrs. T. B. Needles, Nashville, Washington county.  
Mrs. S. T. Rogers, El Paso, Woodford county.

## CLASS L--EDUCATION AND SCIENCE.

ALLAN C. RUSH, SUPERINTENDENT.

### Illinois Public School Exhibit.

#### GENERAL DIRECTIONS.

1. All work must be written with pen and ink (except that pencil work will be taken from graded schools, first and second years, and in drawing) upon legal cap or paper 9 by 11 inches. A margin of  $1\frac{1}{4}$  inches must be left for binding and a margin of  $\frac{1}{4}$  of an inch on the right, and the exercise should be written within the marginal lines. The papers should be written on one side only.

Papers entered for each premium, except sweepstakes premiums, must be securely bound by themselves with a cover, upon which shall be stated the lot and the number of the premium for which they are entered. If they are also entered for sweepstakes premiums, put on the cover "Entered for Sweepstakes." Put also on the cover the number of the district, or name of the school, the township and county from which the papers come, and the name and postoffice address of the teacher.

A copy of the questions answered, and text translated, must be bound with each set of papers.

Each set of papers entered for one premium must be the work of three different pupils, from the same school, in each branch.

Except as otherwise directed below, each paper must contain the answers to ten questions.

2. Each pupil should write at the beginning of his papers his name, age, post-office, the date of preparing the paper and the name of his teacher.

3. It is expected that the preparation of the papers will be conducted in the same manner as a written examination—the pupils to have no previous knowledge of the questions given and to receive no assistance during the writing; and that all papers entered for one premium will be prepared at the same time, except that more time may be taken for the drawing and penmanship papers entered for the Sweepstakes for all schools.

4. All books and papers touching upon the subjects in examination must be removed from the pupils; dictionaries must not be consulted. All communication between pupils must be forbidden and prevented during an examination. All erasures should be made by drawing the pen once across the words or lines to be erased. No changes of any kind should be made in the manuscripts of the pupils as they are left at the close of the examination.

5. All work in Mathematics must be given in full, as simple answers will not be considered.

6. All papers for this exhibition from country schools may be sent as soon as prepared, to John P. Yoder, Bushnell, Ill.; from other schools to Prof. John Hull, Carbondale, Ill., and they will see that they are properly entered at the Fair.

7. For further information address the Secretary of the State Board of Agriculture.

Schools in all portions of the State are earnestly solicited to send in specimens of work done by their pupils during the year.

8. All work designated for exhibition at the State Fair should be sent as noted above, not later than August 1, 1884.

## SPECIAL DIRECTIONS.

## HIGH SCHOOL.

Manuscripts for the first prize in Latin must be from pupils who have not pursued the study more than one school year.

Manuscripts for Elementary Algebra must be from pupils who have not pursued the study of Algebra more than one school year.

All manuscripts must be from pupils who have pursued the subjects during the school year 1883-1884.

In the Languages, a free rather than a literal translation will be preferred, and all questions pertaining to construction, and the miscellaneous questions on the Grammar of the languages should be fully answered.

The English essays should not contain less than one thousand or more than two thousand words.

Three papers (no more, no less) must be sent for competition for each prize. Schools which compete for the four prizes in Languages must send papers from at least nine different pupils; if for three prizes from eight different pupils; if for two only, from five different pupils; and for one, from three different pupils.

Schools which compete for the two prizes in Mathematics must send manuscripts from at least five different pupils; and for only one from three different pupils.

Schools which compete for the three prizes in Science must send manuscripts from at least seven different pupils; for two, from five different pupils; and for one, from three different pupils.

A printed copy of each set of questions must be bound with the manuscripts of each study, and it is advised that pupils be requested to include as far as practicable, the questions in their answers, that the work of examination may be facilitated. Let each be numbered to correspond with the questions.

Schools desiring to compete for High School sweepstakes, Lot 131, must present *three manuscripts in six* of the foregoing subjects (the two Latins being regarded as two subjects), and the manuscripts *entered for sweepstakes* must be so designated when they are sent to the State Superintendent.

## GRADED SCHOOLS.

Schools competing for these premiums must show, first year—number work, spelling and writing; second year—number work, spelling and writing; third year—number work, spelling and writing; fourth year—number work and language; fifth year—arithmetic and spelling; sixth year—geography and language; seventh year—arithmetic and language; eighth year—United States history and language.

To enter for the sweepstakes, a school must show work as above indicated for each year, first to eight, inclusive.

## COUNTRY SCHOOLS.

To enter for the sweepstakes, a school must show work as directed in the first six branches named in the list of premiums for country schools.

The questions, ten in number, for the science papers, shall be prepared by the teacher, and a copy of them must be sent with the papers. The manner of preparing the papers should be the same as indicated in the general directions, but they may be prepared at such time as suits the convenience of the school.

## SWEEPSTAKES FOR ALL PUBLIC SCHOOLS.

Entries for sweepstakes premiums are not limited in numbers.

## Lot 119—Graded School Exhibit.

1016	Best First year work.....	Dip. and \$5 00
	Second best.....	3 00
1061	Best Second year work.....	Dip. and 5 00
	Second best.....	3 00
1018	Best Third year work.....	Dip. and 5 00
	Second best.....	3 00

1019	Best Fourth year work.....	Dip. and	\$5 00
	Second best.....		3 00
1020	Best Fifth year work.....	Dip. and	5 00
	Second best.....		3 00
1021	Best Sixth year work.....	Dip. and	5 00
	Second best.....		3 00
1022	Best Seventh year work.....	Dip. and	5 00
	Second best.....		3 00
1023	Best Eighth year work.....	Dip. and	5 00
	Second best.....		3 00

### Lot 120—Sweepstakes—Graded School Exhibit.

1024	Best exhibit by one system of graded schools, 1st grade to 8th inclusive.....	Diploma and	\$10 00
	Second best.....		5 00
	Third best.....		2 50
1025	Best set of three papers, one page each of writing, from as many pupils of the same system of graded schools.....	Dip. and	10 00
	Second best.....		5 00
	Third best.....		2 50
1026	Best set of five pencil drawings from as many pupils of one school, Dip. and		10 00
	Second best.....		5 00
	Third best.....		2 50
1027	Best set of five crayon drawings from as many pupils of one school, Dip. and		10 00
	Second best.....		5 00
	Third best.....		2 50
1028	Best map of the States east of the Mississippi, enlarged to four times the size usually found in a common school geography.....	Dip. and	10 00
	Second best.....		5 00
	Third best.....		3 00
1029	Best work in book-keeping from three pupils of one school.....	Dip. and	10 00
	Second best.....		5 00
	Third best.....		2 50
1030	To the Superintendent of Schools of the town or city making the best exhibit of work entered for premiums in Lot 119 and premiums 1024 and 1025 in Lot 120.....	Diploma.	

### Lot 121—High School Exhibit.

#### LANGUAGES.

##### *Latin.*

1031	First Premium—To the school presenting the best three papers in Latin, from pupils who have pursued the study not more than one school year, the work to consist of the translation of two fables, with appropriate questions on Orthography, Etymology and Syntax.....	Diploma and	\$5 00
	Second premium.....		3 00
1032	To the school presenting the best three papers in Latin, the work to consist of the translation of about two manuscript pages, from the first book of Virgil's <i>Æneid</i> , with appropriate questions in Etymology, Syntax and Prosody, including the scansion of <i>two</i> lines.....	Dip. and	5 00
	Second premium.....		3 00

##### *Greek.*

1033	To the school presenting the best three papers in Greek, the work to consist principally of questions in Etymology and Syntax, with translation of ten simple sentences, Greek into English, from the first fifty lessons of <i>White's First Lessons in Greek</i> . The work to be from first year pupils in Greek.....	Dip. and	5 00
	Second premium.....		3 00

##### *German.*

1034	To the school presenting the best three papers in German, the work to consist of translation from Schiller's "Maid of Orleans," with grammatical questions, and translation from English to German, of at least one-half manuscript page.....	Dip. and	5 00
	Second premium.....		3 00



## MATHEMATICS.

1035	Elementary Algebra, including work through Quadratics—best three papers .....	Dip. and \$5 00
	Second premium .....	3 00
1036	Plane Geometry—best three papers .....	Dip. and 5 00
	Second premium .....	3 00

## SCIENCES.

1037	Physiology—best three papers .....	Dip. and \$5 00
	Second premium .....	3 00
1038	Astronomy—best three papers .....	Dip. and 5 00
	Second premium .....	3 00
1039	Natural Philosophy—best three papers .....	Dip. and 5 00
	Second premium .....	3 00

## ESSAYS.

1040	For the best three essays on miscellaneous subjects, said essays to have been prepared by the pupils of the school in connection with the regular work of the school .....	Dip. and \$5 00
	Second premium .....	3 00

## CIVIL GOVERNMENT.

1041	For the best three papers on Civil Government .....	Dip. and \$5 00
	Second premium .....	3 00

## BOOK-KEEPING.

1042	For the best three papers on Book-keeping .....	Dip. and \$5 00
	Second premium .....	3 00

## SWEEPSTAKES.

1043	To the high school whose papers in at least six of the foregoing subjects, <i>said subjects to be designated when the papers are sent</i> , shall receive the highest general average mark .....	Dip. and \$10 00
	Second premium .....	5 00
1044	To the high school whose papers presented in ten of the above named studies shall receive the highest average mark .....	Dip. and 10 00

## LOT 132—SWEEPSTAKES—HIGH SCHOOL EXHIBIT.

1045	Best set of five pencil drawings from as many pupils of one school..	Dip. and \$10 00
	Second best .....	5 00
	Third best .....	3 00
1046	Best set of five crayon drawings from as many pupils of one school..	Dip. and 10 00
	Second best .....	5 00
	Third best .....	3 00
1047	Best map of the States east of the Mississippi, enlarged to four times the size usually found in a common school geography .....	Dip. and 10 00
	Second best .....	5 00
	Third best .....	3 00

## LOT 133—COUNTRY SCHOOL EXHIBIT.

1048	Best Spelling, older pupils .....	Dip. and \$5 00
	Second best .....	3 00
1049	Best Spelling, younger pupils .....	Dip. and 5 00
	Second best .....	3 00
1050	Best Business Forms, older pupils .....	Dip. and 5 00
	Second best .....	3 00
1051	Best Letters, younger pupils .....	Dip. and 5 00
	Second best .....	3 00
1052	Best Arithmetic, older pupils .....	Dip. and 5 00
	Second best .....	3 00

1053	Best Arithmetic, for younger pupils.....	Dip. and \$5 00
	Second best.....	3 00
1054	Best Common Things, older pupils.....	Dip. and 5 00
	Second best.....	3 00
1060	Best Common Things, younger pupils.....	Dip. and 5 00
	Second best.....	3 00
1056	Best Geography and History, older pupils.....	Dip. and 5 00
	Second best.....	3 00
1057	Best Geography, younger pupils.....	Dip. and 5 00
	Second best.....	3 00
1058	Best Language, older pupils.....	Dip. and 5 00
	Second best.....	3 00
1059	Best Language, younger pupils.....	Dip. and 5 00
	Second best.....	3 00
1060	Best Botany.....	Dip. and 5 00
	Second best.....	3 00
1061	Best Physiology.....	Dip. and 5 00
	Second best.....	3 00
1062	Best Natural Philosophy.....	Dip. and 5 00
	Second best.....	3 00
1063	Best Zoology.....	Dip. and 5 00
	Second best.....	3 00

#### LOT 124—SWEEPSTAKES. COUNTRY SCHOOL EXHIBIT.

1064	Best exhibit by one country school of all the work for which premiums 1048 to 1059, inclusive, are offered under Lot 123.....	Dip. and \$10 00
	Second best.....	5 00
	Third best.....	3 00
1065	Best set of three papers, one page of each writing, from as many pupils of one country school.....	Dip. and 10 00
	Second best.....	5 00
	Third best.....	3 00
1066	Best set of five pencil drawings from as many pupils of one school.....	Dip. and 10 00
	Second best.....	5 00
	Third best.....	3 00
1067	Best set of five crayon drawings from as many pupils of one school.....	Dip. and 10 00
	Second best.....	5 00
	Third best.....	3 00
1068	Best map of the States east of the Mississippi, enlarged to four times the size usually found in a common school Geography.....	Dip. and 10 00
	Second best.....	5 00
	Third best.....	3 00
1069	Best work in book-keeping from three pupils of one school.....	Dip. and 10 00
	Second best.....	5 00
	Third best.....	3 00
1070	To the County Superintendent of schools of the county making the best exhibit of work entered for premiums in Lot 123, and premiums 1064 and 1065, in lot 124.....	Diploma.

#### LOT 125—PENMANSHIP.

No exhibit will be awarded in this lot, but every facility will be afforded for exhibition.

1071	Exhibit Business Penmanship from a Commercial College.
1072	Exhibit Ornamental Penmanship from a Commercial College.
1073	Pen Drawing.
1074	Pen Lettering.
1075	Course in General Book-keeping.
1076	Course in Farm Book-keeping.

## Natural History, Etc.

ALLAN C. RUSH, SUPERINTENDENT.

### Lot 126—Taxidermy, Mineralogy and Conchology.

1077	Best collection of Minerals and Fossils.....	\$50 00
	Second best.....	20 00
1078	Best collection Illinois Birds and Mammals of not less than 50 species, to be shown by the taxidermist.....	40 00
	Second best.....	20 00
1079	Best collection illustrating the Conchology of Illinois, not less than 100 species.....	20 00
	Second best.....	10 00
1080	Best display of Mound Relics..	50 00
	Second best.....	20 00

#### Awarding Committee.

W. H. Wells, Peoria, Peoria county.  
John O'Heara, Carbondale, Jackson co.  
R. A. Turtle, Room 9, 38 Clark St., Chicago, Cook county.

### Lot 127—Entomology, etc.

1081	Best collection of Insects.....	\$30 00
	Second best.....	15 00
1082	Best collection of the Woods of Illinois, not less than 75 varieties.....	20 00
	Second best.....	10 00
1083	Best collection representing the Botany of Illinois.....	20 00
	Second best.....	10 00

#### Awarding Committee.

Geo. W. Davis, Carrollton, Greene co.  
R. H. Mead, Huntsville, Schuyler county.  
Mrs. B. M. Griffith, Springfield, Sangamon county.

### Lot 128—Musical Instruments.

1084	Violin.
1085	Bass and Tenor Drum.
1086	Pipe Organ.
1087	Reed Organ.
1088	Grand or Semi-Grand Pianoforte.
1089	Violoncello.
1090	Flute.
1091	Clarionet and Guitar.
1092	Boudoir Piano.
1093	Square Piano.

1094	Brass Band Instruments.
1195	Cornet.

### Lot 129—Printing, Engraving, etc.

1196	Best specimen Lithography . . .	S. M.
1197	Best Engraving, Copper-plate.S. M.	
1198	Best Engraving, Wood Cut. . . .	S. M.
1199	Best Wood Carving . . . . .	\$10 00
	Second best. . . . .	5 00
1200	Best sample White Wax-work. . .	2 00
	Second best. . . . .	1 00
1201	Best sample Colored Wax-work. . .	2 00
	Second best. . . . .	1 00
1202	Best sample Work in Hair. . . . .	2 00
	Second best. . . . .	1 00
1203	Best Imitation of Fruit . . . . .	2 00
	Second best. . . . .	1 00
1204	Best Agricultural Wreath . . . . .	2 00
	Second best. . . . .	1 00
1205	Best Shell Work . . . . .	2 00
	Second best. . . . .	1 00
1206	Best sample of Ornamental Work, with Indelible Ornamenting Fluid . . . . .	2 00
	Second best. . . . .	1 00

#### Awarding Committee.

S. I. Bradbury, Waukegan, Lake county.  
R. B. Upham, Jacksonville, Morgan co.  
— Knapp, Chicago, Cook county.

### Lot 130—Architectural and Mechanical Drawings.

1207	Best drawing, plan and specifications for Rural Residence, cost not to exceed one thousand dollars.....Dip. and	\$15 00
1208	Best drawing, plan and specification for Rural Residence, cost not to exceed twenty-five hundred dollars.Dip. and	15 00
1209	Best drawing, plan and specification for Farm Barn, cost not to exceed five hundred dollars.....Dip. and	5 00
1210	Best drawing, plan and specification for Farm Barn, cost not to exceed one thousand dollars.....Dip. and	10 00
1211	Best drawing, plan and specification for Farm Barn, cost not to exceed twenty-five hundred dollars....Dip. and	15 00



1112 Best drawing, plan and specification for Farm House and Outbuildings, to include Dwelling, Dairy-house, Poultry-house and Hog-house, the economy of construction and grouping, with special reference to convenience, to be considered.....Dip. and 25 00

1113 Best drawing, plan and specification for District School-house, having reference to heating and ventilation ..... Dip.  
Awarding Committee.  
S. H. Peabody, Champaign, Champaign county.  
H. A. Miner, Bloomington, McLean co.  
Harry Beard, Waukegan, Lake county.

## CLASS M.---SPEED.

E. C. LEWIS, SUPERINTENDENT.

All races, except the one for pacing, are for trotting, and except where noted are for mile heats best three in five in harness, and subject to the rules of the National Trotting Association.

All purses and the stake to be divided into four amounts as follows: Fifty per cent. to first horse, twenty-five per cent. to second, fifteen per cent. to third, and ten per cent. to the fourth.

Authentic pedigrees will be required, and no unsound animal will be allowed to compete.

Name and residence of owner, as well as of the party making an entry, must always be given.

Owners must furnish, at time of making entry, the name, age, color and sex of the horse entered.

Entries to close on Saturday, September 6, 1884, at 11 o'clock P. M., and must be addressed to S. D. Fisher, Secretary State Board of Agriculture, Sherman House, Chicago, Ill.

The entrance fee, except for the stake race for stallions, will be ten per cent. of the purse, five per cent. of which is cash, and must positively accompany the nomination; the other five per cent. is due only from those who start, and must be paid on or before 6 o'clock P. M. the evening preceding the race, at the Secretary's office on the Fair Grounds.

No deviations from these conditions in any particular.

### Tuesday, 2 O'clock P. M., September 9, 1884.

#### TROTTING RACES.

Purse, \$500.00—2:34 class.

Purse, \$500.00—Colts and fillies 1 and under 2 years (foals 1883), one-half mile heats, in harness, best two in three.

Hippodrome Race.

### Wednesday, 2 O'clock P. M., September 10, 1884.

#### TROTTING RACES.

Purse, \$500.00—2:22 class.

Purse, \$500.00—Colts and fillies 2 and under 3 years (foals 1882), mile heats, best two in three.

Hippodrome Race.

### Thursday, 2 O'clock P. M., September 11, 1884.

#### TROTTING RACES.

Purse, \$500.00—Colts and fillies 4 and under 5 years old (foals 1880).

Stake, with \$25.00 entrance, \$200.00 to be added by the citizens of Chicago for stallions that have made a season in Illinois in 1884.

Hippodrome Race.

### Friday, 2 O'clock P. M., September 12, 1884.

#### PACING RACE.

Purse, \$500.00—2:20 class.

#### TROTTING RACES.

Purse, \$500.00—2:40 class.

Purse, \$500.00—Colts and fillies 3 and under 4 years (foals 1881).

Hippodrome Race.

**Saturday, 2 O'clock P. M., September 13, 1884.**

**TROTTING RACES.**

Purse, \$500.00—2:27 class.

Purse, \$500.00—Open to all Stallions.

Purse, \$500.00—2:17 class.

**CLASS N—Agricultural Implements.**

PETER SCHUTTLER, SUPERINTENDENT.

M. CONRAD, ACTING SUPERINTENDENT.

1. All articles must be entered and cards obtained from the Secretary before space will be assigned.
2. Space will be assigned by the Superintendent prior to September 9, giving ample time to place machinery in position.
3. No premium will be awarded in this class, but every facility afforded for exhibition.
4. Fuel and water will be furnished for engines used by exhibitors, free of charge.
5. All articles entered for exhibition shall be in place in the several departments not later than 9 o'clock A. M., Tuesday, September 9, 1884.
6. Entries close Saturday, September 6, 1884, at 6 o'clock P. M.
7. No article can be removed until the close of the Fair, except upon the written permission of the President.

**Lot 132—Engines, Pumps, Etc.**

- 1125 Portable Farm Engine.
- 1126 Traction Steam Engine.
- 1127 Steam Boiler and Safety Guage.
- 1128 Garden Engine.
- 1129 Steaming apparatus for cooking food for stock.
- 1130 Evaporator and apparatus for making syrup and sugar.
- 1131 Horse Power for general farm purposes.
- 1132 Hay and Stock Seales.
- 1133 Pump for Well.
- 1134 Pump for Cistern.
- 1135 Water elevator other than pump.
- 1136 Iron Fence and Gate.
- 1137 Gate for Farm use.
- 1138 Portable Fence.

- 1153 Cordage Machine.
- 1154 Cider Mill and Press.
- 1155 Corn and Cob Mill.
- 1156 Hominy and Pearling Mill.
- 1157 Machine for making Brick.
- 1158 Machine for making Drain Tile.
- 1159 Machine for opening ditch for Drain Tile.
- 1160 Machine for laying Drain Tile.
- 1161 Ditching Machine.
- 1162 Road Making Machine.
- 1163 Portable Grist Mill for Farm use.
- 1164 Portable Mill for Shelling and Grinding Corn.
- 1165 Mill for Crushing Sugar Cane.
- 1166 Portable Saw Mill and Engine for Lumber.
- 1167 Well Boring Machine.
- 1168 Display of Flower Pots.
- 1169 Assorted Drain Tile (100).

**Lot 133—Mills, Machines, Etc.**

- 1139 Cotton Gin.
- 1140 Cotton Gin and Condenser.
- 1141 Power Loom.
- 1142 Flour Bolt.
- 1143 Flour Packer.
- 1144 Mortising Machine.
- 1145 Tenoning Machine.
- 1146 Sash Machine.
- 1147 Spoke Dressing Machine.
- 1148 Wood Sawing Machine.
- 1149 Planing Machine.
- 1150 Lathe Machine.
- 1151 Shingle Machine.
- 1152 Stave Machine.

**Lot 134—Vehicles.**

- 1170 Display of two-seated Carriages.
- 1171 Display of Buggies.
- 1172 Two-horse Carriages.
- 1173 Top Buggy.
- 1174 Open Buggy.
- 1175 Sulky.
- 1176 Skeleton Wagon.
- 1177 Barouche.
- 1178 Two-horse Wagon.
- 1179 Spring Wagon.
- 1180 One-horse Cart.
- 1181 Ox Cart.
- 1182 Wheel-barrow.

**Lot 135—Grain Harvesters, Etc.**

- 1183 Reaper.
- 1184 Dropper.
- 1185 Self-rake Reaper.
- 1186 Combined Reaper and Mower.
- 1187 Harvester and Binder.
- 1188 Grain Binder (wire).
- 1189 Grain Binder (twine).
- 1190 Grain Header.
- 1191 Thresher.
- 1192 Separator.
- 1193 Grain Register.
- 1194 Grain Drill.
- 1195 Fanning Mill.
- 1196 Model for Ventilating Grain Bin.

**Lot 136—Haying Machinery, Etc.**

- 1197 Mower.
- 1198 Hay Tedder.
- 1199 Horse Hay Rake.
- 1200 Hay Loader.
- 1201 Hay Gatherer.
- 1102 Hay Ricker.
- 1103 Horse Hay Fork.
- 1204 Horse Hay Derrick for Stacking.
- 1205 Hay Elevator and Carrier for moving hay in barn.
- 1206 Portable Hay Press.
- 1207 Stationary Hay Press.

- 1208 Feed Cutter.
- 1209 Hay and Straw Cutter.
- 1210 Clover Huller and Thresher.
- 1211 Seed Sower.
- 1212 Broadcast Seed Sower.
- 1213 Mower Knife Grinder.

**Lot 137—Planters, Plows, Etc.**

- 1214 Corn Planter.
- 1215 Corn Drill.
- 1216 Cheek Rower.
- 1217 Cultivator.
- 1218 Riding Cultivator.
- 1219 Corn-stalk Cutter.
- 1220 Hand Corn Sheller.
- 1221 Power Corn Sheller.
- 1222 Corn Harvester.
- 1223 Walking Plow.
- 1224 Sulky Plow.
- 1225 Gang Plow.
- 1226 Pulverizer.
- 1227 Harrow.
- 1228 Roller.
- 1229 Potato Planter.
- 1230 Potato Digger.
- 1231 Root and Vegetable Cutter.
- 1232 Cotton Seed Planter.
- 1233 Wind Mill.
- 1234 Capstan.
- 1235 Road Scraper.
- 1236 Hedge Trimmer.

# PROGRAMME FOR WEEK OF STATE FAIR.

COMMENCING MONDAY, SEPTEMBER 8, 1884.

Members of Awarding Committees (excepting Live Stock) are requested to report for duty to the Superintendents of their respective departments, at 9 o'clock a. m. Tuesday, September 9, 1884.

Live Stock committeemen will report for duty the day they are to serve, as indicated in the following programme.

A section of the amphitheater has been assigned for the use of members of the Awarding Committees, when not on duty.

## GRAND CAVALCADE.

Premium animals and other live stock, portable engines and machinery, will be exhibited in front of the amphitheater, at 1½ o'clock p. m., each day during the Fair week, under the supervision of the Marshal of the Ring, assisted by the several Superintendents of Departments, who will have charge of their respective sections of the procession.

## Monday--First Day.

Arrangement of stock and articles for exhibition on the Fair Grounds and in the Exhibition Halls.



**Tuesday--Second Day--9 o'clock A. M.****CLASS A--CATTLE.**

	Page.
Lot 7--Devon.....	12
Lot 10--Polled Angus.....	13
Lot 13--Holstein or Friesian.....	13
Lot 19--Ayrshires.....	14

**CLASS B--HORSES.**

Lot 29--Norman, Percheron, Stallions and Mares.....	16
Lot 33--Grade Draft Stallions and Mares.....	17
Lot 35--Horses for all work.....	18
Lot 40--Jacks, Jennets and Mules.....	19
Lot 42--Boys' Equestrianism.....	19
Lot 43--Saddle Ponies.....	20

**SPEED.**

Lot 44--Trotting race, 2:34 class.....	53
Lot 44--Trotting race, colts one and under two years.....	53
Lot 44--Hippodrome race.....	53

**Wednesday--Third Day--9 o'clock A. M.****CLASS A--CATTLE.**

	Page.
Lot 1--Shorthorn.....	12
Lot 4--Hereford.....	12
Lot 8--Devon Herds.....	13
Lot 11--Polled Angus Herds.....	13
Lot 14--Holstein or Friesian Herds.....	13
Lot 16--Jersey.....	14
Lot 20--Ayrshire Herds.....	14
Lot 23--Young Herds--Beef Breeds.....	15

**CLASS B--HORSES.**

Lot 25--Thoroughbred--Stallions and Mares.....	16
Lot 29--Norman, Percheron--Breeding Ring.....	17
Lot 32--Clydesdale and English Draft--Stallions and Mares.....	17
Lot 33--Grade Draft--Breeding Ring.....	18
Lot 35--Horses for All Work--Stallions and Mares.....	18
Lot 37--Saddle Stallions.....	18
Lot 38--Carriage Horses.....	19

**SPEED.**

Lot 44--Trotting Race, 2:22 class.....	53
Lot 44--Trotting Race--Colts and Fillies, 2 and 3 years.....	53
Lot 44--Hippodrome Race.....	53

**Thursday--Fourth Day--9 o'clock A. M.****CLASS A--CATTLE.**

Lot 2--Shorthorn--Herds.....	12
Lot 5--Hereford--Herds.....	12
Lot 17--Jersey--Herds.....	14
Lot 22--Herds--Sweepstakes--Beef Breeds.....	14
Lot 24--Herds--Sweepstakes--Milk Breeds.....	15

## CLASS B—HORSES.

Lot 27—Roadster—Stallions and Mares.....	16
Lot 31—Clydesdale and English Draft—Breeding Ring.....	17
Lot 25—Thoroughbred—Breeding Ring.....	16
Lot 36—Horses for All Work—Breeding Ring.....	18
Lot 39—Gentlemen's Driving.....	19
Lot 37—Saddle Mares.....	18

## SPEED.

Lot 44—Trotting Race—Colts and Fillies 4 and under 5 years.....	53
Lot 44—Trotting Race—Stallions making season in Illinois.....	53
Sot 44—Hippodrome Race.....	53

**Friday--Fifth Day--9 o'clock A. M.**

## CLASS A—CATTLE.

Lot 3—Shorthorns—Sweepstakes.....	12
Lot 6—Hereford—Sweepstakes.....	12
Lot 9—Devon—Sweepstakes.....	13
Lot 12—Polled Angus—Sweepstakes.....	13
Lot 15—Holstein or Friesian—Sweepstakes.....	14
Lot 18—Jersey—Sweepstakes.....	14
Lot 21—Ayrshire—Sweepstakes.....	14

## CLASS B—HORSES.

	Page.
Lot 26—Thoroughbred—Sweepstakes.....	16
Lot 28—Roadster—Sweepstakes.....	16
Lot 30—Norman, Percheron—Sweepstakes.....	17
Lot 32—Clydesdale and English Draft—Sweepstakes.....	17
Lot 34—Grade Draft—Sweepstakes.....	18
Lot 36—Horses for All Work—Sweepstakes.....	18
Lot 37—Saddle Horses—Sweepstakes.....	18
Lot 41—Jacks and Jennets—Sweepstakes.....	19

## SPEED.

Lot 44—Trotting Race, 2:27 class.....	53
Lot 44—Trotting Race—Colts and Fillies 3 and under 4 years.....	53
Lot 44—Trotting Race, 2:40 class.....	53
Lot 44—Pacing Race, 2:20 class.....	53
Lot 44—Hippodrome Race.....	53

**Saturday--Sixth Day--2 o'clock P. M.**

## SPEED.

Lot 44—Trotting Race, 2:27 class.....	53
Lot 44—Trotting Race—open to all Stallions.....	53
Lot 44—Trotting Race, 2:17 class.....	53
Lot 44—Hippodrome Race.....	53

# SEVENTH ANNUAL AMERICAN FAT-STOCK SHOW.

*The Exhibition will be open to the public on Tuesday, November 11, at 9 o'clock A. M., and will continue, day and evening, until the following Thursday, November 20, at 10 P. M.*

## GENERAL RULES AND REGULATIONS

FOR THE AMERICAN FAT-STOCK SHOW OF 1884.

The exhibition of Horses and the admission of live stock for exhibition only or for sale, will be if at all only to the extent of the space at the disposition of the committee of arrangements, without limiting or incomoding the exhibition of Fat-Stock competing for prizes, and no engagement of space for such non-competing animals can be assured before November 1, 1884, after the close of the entries of competing animals.

The Exposition Building will be open for the reception of Stock on Monday, November 10, and until Tuesday night, November 11, 1884.

### ENTRIES.

1. Must be made on or before November 1, 1884, by application to the Secretary, at Springfield, who will furnish blank applications on which to specify exhibiter's name and address, with age and description of the animal offered.
2. In all thoroughbred classes, authentic pedigrees must be furnished. Statements showing date of birth, the proportion of improved blood in each animal exhibited, in lots for grades or crosses, must be furnished at time of entry.
3. The following fees will be charged, and must accompany applications for entries: For each horse, steer, cow or heifer \$2; for each sheep or hog, \$1.
4. Each exhibiter must purchase an *Exhibiter's Ticket* (\$1.50), when applying for entries (a firm being regarded as one exhibiter). Only one member of the firm will be admitted to the Building on the ticket which entitles the firm to compete.
5. Every animal must be entered for competition in the name of the owner, only animals awarded first prizes in breed rings are eligible to compete in the sweepstakes rings and only animals awarded Sweepstakes prizes or animals not elsewhere shown are eligible to compete for the grand Sweepstakes prizes.
6. A card will be furnished the exhibiter, at the time of making entry, specifying the Class, the number of the Lot and the number of the entry, which card must remain attached to the animal during the exhibition, except in Classes C and D, where the cards must be attached to the pen.
7. Dilligence will be used by the officers of the Board to prevent injury to or loss of property, but they will not be responsible for any damage or loss or injury to person that may occur.
8. In no case shall the gain per day be computed or reported, unless the exact age of the animal, shall be verified by the affidavit of the owner or of some creditable party, and all statements of facts required of exhibitors in making their entries, such as age, pedigree, etc., must be verified by affidavit.



## ANIMALS.

1. No animal can be removed until the close of the Exhibition, except for adequate cause, and then only on the written order of the President.
2. Stock must be in the stalls or pens in the Exposition Building, Chicago, as above required, in order that they may be weighed, numbered and catalogued, previous to the opening of the Show.
3. Cattle must be well halter-broken; and vicious animals will not be admitted to the Building.
4. The animals to be slaughtered will be placed in charge of the Superintendent of the Departments in which they are entered, Monday morning of the Show, in order that they may receive the same feed and care until the day of slaughter.
5. Butcher's stock only will be eligible to compete for premiums, and animals that are to be used hereafter for breeding purposes will be excluded from competition.
6. The Superintendent may exclude stock from competition, should there be any unnecessary delay on the part of exhibitors in bringing animals into the Show Ring.
7. The animals for slaughter will be killed, dressed and weighed under direction of a Committee. The premium in each ring will be awarded that animal whose dressed carcass is of the highest market value in proportion to live weight; the dressed carcass and offal to remain the property of the exhibitor and subject to owners' risk as to condition.
8. Animals will be examined, previous to the opening of the Show, by the Veterinary Surgeon.
9. Animals entered for competition in Class A.—Cattle, will be examined as to age by a committee consisting of an experienced and practical Veterinary Surgeon, and two practical and experienced feeders.
10. Animals affected by or having been exposed to any contagious disease during the thirty days next preceding the Fat-Stock Show of 1884, will be excluded from the Exposition Building.

## AWARDING COMMITTEES.

1. Each Awarding Committee will consist of three persons.
2. Awarding Committees will commence examination on Wednesday, November 12 at 9 o'clock A. M., and continue until awards are completed.
3. No person shall act as judge in any Lot in which he may be interested as an exhibitor, the agent or employee of an exhibitor, or otherwise.
4. No animal deemed unworthy shall be awarded a premium; but no premium shall be withheld merely because there is no competition.
5. In case of protest, notice must be given to the Superintendent of Department before the examination of the animal or article protested, and a written statement setting forth the reasons for protesting, verified by affidavit, must be filed with the Secretary on the day the notice is given. Provided, that protests will be entertained at any time thereafter previous to or during the first two days of the next winter meeting of the Board, if the protesting party shall state under oath that the facts upon which the protest is made were not in his possession at the time the animal or article was before the awarding committee.
6. In all cases where protests are made, if the Board shall be satisfied that they were instigated by improper or malicious motives, the Board will exclude the party protesting from exhibiting for two years or more thereafter. In case of protest based on fraud or other cause of ineligibility, the owner of the protested animal shall be required to verify the correctness of the entry by affidavit, which verified statement, together with all other obtainable evidence, shall be presented on the final consideration of the question at issue.
7. Any exhibitor who shall tear off a premium ribbon, or authorize another person to do so, in the presence of the Awarding Committee, or shall otherwise insult the Awarding Committee, shall forfeit the premium and be excluded from competition.
8. The judges will report only upon the animals entitled to premiums in the regular list, and authorized special or individual prizes which, in all cases, must be duplicate of regular premium as to the classification.
9. Judges, in making awards, will consider only animals in good condition for slaughter, and awards of premiums in the regular rings shall carry the corresponding special premiums offered thereon.

10. All awards shall be made by ballot, without consultation. Awarding Committees shall consist of three judges for each class, two of which if agreed shall be competent to make an award. In case of a tie vote the third committeeman shall decide which of the two animals or herds voted for shall receive the premium.

11. The judges are instructed to award premiums to such animals as present the greatest weight in the smallest superficies—taking into consideration age, the quality of flesh and its distribution in the most valuable portions of the carcass.

12. Awarding committees are instructed that if they have good reason to believe that any exhibitor, be false entry or otherwise, attempts to deceive the committee or the public, and obtain an award by misrepresentation, they shall report the fact at once to the Superintendent of the Department, who shall report the same to the Board, who may expel such exhibitor for fraud for at least two years.

13. Each award and notice of protest, (if any is made) must be written in a plain, careful manner by the Superintendent, on blank page opposite the entry.

14. The entry books must be returned by the Superintendent of each Department to the Secretary as soon as the awards in each are completed.

15. Great care must be exercised to preserve the Awarding Committees' books and the awards must be entered as above, in a plain, legible manner, in the proper place, as the premiums will be paid on authority of these entries *only*.

16. Superintendents will be particular to observe the following:

*Blue Ribbons* are designed for first premiums.

*Red Ribbons* for second premiums.

*White Ribbons* for third premiums.

17. Decisions of Awarding Committees shall be final and no appeal will be considered, except in case of protest.

18. Objections to a person serving as a member of an Awarding Committee must be submitted to the Superintendent in writing prior to making any award, and give good and sufficient reasons therefor. Superintendents receiving such objections, if deemed worthy of consideration, shall report the same to the President who, with the Superintendent, shall constitute a committee to fill the vacancy.

19. Any exhibitor attempting to interfere with judges during their adjudications, will be promptly excluded from competition.

#### AUDITING COMMITTEE.

1. *All bills against the State Board of Agriculture must be made in detail: and all bills contracted during the show, or in immediate preparation therefor, must be certified by the Superintendent on whose order the service or material was furnished, and must be approved and signed by a majority of the Auditing Committee, before they can be paid by the Treasurer.* It shall be the duty of the Auditing Committee to examine into the correctness of all bills presented for payment and the committee shall have full power of investigation and approval as to the quantity, quality and costs of articles purchased.

#### GENERAL SUPERINTENDENT.

1. The General Superintendent will have charge of the Building and Police and fire extinguishing appliances. He will have an efficient Police force on duty day and night, and will assign such number of policemen to the Superintendents of Departments as they may require.

2. Superintendent of Permits and Privileges will sell privileges for dining halls, stands, etc.

3. Superintendent of Gates and Tickets will have charge of the tickets, gates and ticket-takers.

#### SUPERINTENDENT OF STALLS AND FORAGE.

1. The Superintendent of Forage and Stalls will designate the hours of delivery of feed, forage and bedding for animals on exhibition, which can be obtained on application to him at reasonable rates. He will see that stalls and pens and floors are cleaned each day during the continuance of the Show before 8 o'clock A. M., and again between the hours of 5 and 7 P. M., and that the aisles are kept clean during the hours of exhibition.

#### ADMISSION FEES.

1. Exhibitor's tickets, good during the show, \$1.50. Tickets admitting one person once, 25 cents. Tickets admitting children under 12 years of age, 15 cents.

## SUPERINTENDENT PURCHASING DEPARTMENT.

1. Will make, on the requisition of Superintendents, any necessary purchases of material (except forage) in connection with the Fat-Stock Show.

### THE PRESS.

The Superintendent of this Department will provide editors and reporters with the necessary permits to the Building, and will assist them, so far as practicable, to such information regarding the Show as may be of interest to the public.

## CLASS A.—Cattle.

JOHN P. REYNOLDS, SUPERINTENDENT.

The Exposition Building will be open for the reception of stock on Monday, the 10th day of November, 1884. Cattle must be in their stalls in the Exposition Building, Chicago, not later than Monday, November 10, 1884, in order that they may be weighed, numbered and catalogued previous to the opening of the show. Stock must be well halter-broken, and vicious animals will not be admitted to the building, or if admitted, will be removed.

### SPECIAL RULES.

1. All animals entered for competition in this class will be examined by a committee appointed by the President, and consisting of one experienced, practical veterinary surgeon and two experienced feeders of cattle, and their apparent ages respectively reported by such committee to the Board, *prior to the time fixed for the commencement of work by the Awarding Committee of this class*; and all questions, discrepancies and protests, founded upon or arising out of allegations or facts relating to the ages of animals in this class, must and will be definitely settled by the final order of the Board previous to the time fixed for the commencement of work by the Awarding Committee.

2. Entries must be made on or before November 1, by application to the Secretary, at Springfield, who will furnish blank applications on which to specify exhibitor's name and address, with age and description of the animal offered.

3. The fee for each animal will be \$2.00, and must accompany the application for entry. Each exhibitor must purchase an exhibitor's ticket (\$1.50) when applying for entries, a firm being regarded as one exhibitor; only one member of the firm will be admitted to the building on the ticket which entitles the firm to compete.

4. Butcher's stock only will be eligible to compete for premiums, and animals that are to be used hereafter for breeding purposes will be excluded from competition.

5. All statements of facts required of exhibitors in making entries in regard to age, pedigree, etc. must be verified by affidavit. In all thoroughbred classes, recorded pedigrees or such as are eligible to record, must be furnished at time of entry. Statements showing date of birth, the proportion of improved blood in each animal exhibited in lots for grades or crosses, must be furnished at time of entry. Steers, Barren Cows and Spayed Heifers compete together.

6. Only animals awarded first prizes in Lots 1, 2, 3, 4, 5, 6 and 7 are entitled to compete in the sweepstakes ring (Lot 9), and only animals awarded sweepstakes prizes in Lot 9, or animals not elsewhere shown, are eligible to compete for the grand sweepstakes prize, Lot 10. Animals awarded sweepstakes prizes in Lot 9, and the grand sweepstakes prize in Lot 10, will be slaughtered in competition for the prizes in Lots 12 and 13. All other animals are eligible, at the option of their owners, to compete in the slaughter rings, provided that only one entry (excepting the sweepstakes and grand sweepstakes prize animals) can be made by the same exhibitor for each premium offered in Lot 12 for dressed carcasses.



7. Animals competing for premiums in Lot 14, Heaviest Fat Steer, will be kept off of feed and water twelve hours before making the award, by the Superintendent of the Department.

8. Cattle shown in Lot 11, Car-loads, to weigh at the Exposition Building as follows: Steers three and under four years, not less than 1,300 pounds each; steers two and under three years, not less than 1,500 pounds each; steers one and under two years, not less than 1,000 pounds each.

9. All awards shall be made by ballot, and without consultation. The awarding committees shall consist of three judges, two of which, if agreed, shall be competent to make an award. In case of a tie vote, the third committeeman shall decide which of the two animals or car-load lots voted for shall receive the premium.

10. The animals in this class which have the most meat value in proportion to live weight shall be awarded the premium.

11. Animals originally entered for competition in Lots 12 and 13—Carcasses—will be placed in charge of the Superintendent of the Department on the opening day, and will thereafter be fed uniformly, under his direction. Animals not so entered, and which may, by rule (c) be eligible to compete for the prize in (Lot 10,) Grand Sweepstakes, will be placed under the same direction, and for the same purpose, immediately after the award determining such competition shall be made.

12. The animals for slaughter will be killed, dressed and weighed under the direction of a committee. The premium in each ring will be awarded that animal whose dressed carcass is of the highest market value in proportion to live weight. The dressed carcass and offal to remain the property of the exhibitor, and will be at owner's risk as to condition.

13. Premium animals only will be measured.

#### Lot 1—Short Horns.

1 Best Steer, Barren or Spayed Cow 3 and under 4 years.....	\$30 00
Second best.....	20 00
Third best.....	10 00
2 Best Steer or Spayed Heifer 2 and under 3 years.....	30 00
Second best.....	20 00
Third best.....	10 00
3 Best Steer or Spayed Heifer 1 and under 2 years.....	30 00
Second best.....	20 00
Third best.....	10 00
4 Best Steer or Spayed Heifer under 1 year old.....	30 00
Second best.....	20 00
Third best.....	10 00

#### Lot 2—Herefords.

5 Best Steer, Barren or Spayed Cow 3 and under 4 years.....	\$30 00
Second best.....	20 00
Third best.....	10 00
6 Best Steer or Spayed Heifer 2 and under 3 years.....	30 00
Second best.....	20 00
Third best.....	10 00
7 Best Steer or Spayed Heifer 1 and under 2 years.....	30 00
Second best.....	20 00
Third best.....	10 00
8 Best Steer or Spayed Heifer under 1 year old.....	30 00
Second best.....	20 00
Third best.....	10 00

#### Lot 3—Devons.

9 Best Steer, Barren or Spayed Cow 3 and under 4 years.....	\$30 00
Second best.....	20 00
Third best.....	10 00

10 Best Steer or Spayed Heifer 2 and under 3 years.....	30 00
Second best.....	20 00
Third best.....	10 00
11 Best Steer or Spayed Heifer 1 and under 2 years.....	30 00
Second best.....	20 00
Third best.....	10 00
12 Best Steer or Spayed Heifer under 1 year old.....	30 00
Second best.....	20 00
Third best.....	10 00

#### Lot 4—Aberdeen-Angus.

13 Best Steer, Barren or Spayed Cow 3 and under 4 years.....	\$30 00
Second best.....	20 00
Third best.....	10 00
14 Best Steer or Spayed Heifer 2 and under 3 years.....	30 00
Second best.....	20 00
Third best.....	10 00
15 Best Steer or Spayed Heifer 1 and under 2 years.....	30 00
Second best.....	20 00
Third best.....	10 00
16 Best Steer or Spayed Heifer under 1 year old.....	30 00
Second best.....	20 00
Third best.....	10 00

#### Lot 5—Holstein or Friesian.

17 Best Steer, Barren or Spayed Cow 3 and under 4 years.....	\$30 00
Second best.....	20 00
Third best.....	10 00
18 Best Steer or Spayed Heifer 2 and under 3 years.....	30 00
Second best.....	20 00
Third best.....	10 00

19	Best Steer or Spayed Heifer 1 and under 2 years.....	30 00
	Second best.....	20 00
	Third best.....	10 00
20	Best Steer or Spayed Heifer under 1 year old.....	30 00
	Second best.....	20 00
	Third best.....	10 00

**Lot 6—Grades or Crosses.**

21	Best Steer, Barren or Spayed Cow 3 and under 4 years....	\$30 00
	Second best.....	20 00
	Third best.....	10 00
22	Best Steer or Spayed Heifer 2 and under 3 years.....	30 00
	Second best.....	20 00
	Third best.....	10 00
23	Best Steer or Spayed Heifer 1 and under 2 years.....	30 00
	Second best.....	20 00
	Third best.....	10 00
24	Best Steer or Spayed Heifer under 1 year old.....	30 00
	Second best.....	20 00
	Third best.....	10 00

**Lot 7—Range Cattle.**

25	Best Steer, Barren or Spayed Cow 3 and under 4 years....	\$30 00
	Second best.....	20 00
	Third best.....	10 00
26	Best Steer or Spayed Heifer 2 and under 3 years.....	30 00
	Second best.....	20 00
	Third best.....	10 00
27	Best Steer or Spayed Heifer 1 and under 2 years.....	30 00
	Second best.....	20 00
	Third best.....	10 00
28	Best Steer or Spayed Heifer under 1 year.....	30 00
	Second best.....	20 00
	Third best.....	10 00

**Lot 8—All Breeds and Grades  
by Ages.**

29	Best Steer Barren or Spayed Cow 3 and under 4 years.....	\$50 00
30	Best Steer or Spayed Heifer 2 and under 3 years.....	50 00
31	Best Steer or Spayed Heifer 1 and under 2 years.....	50 00
32	Best Steer or Spayed Heifer under 1 year old.....	50 00

**Lot 9—Sweepstakes.**

33	Best animal shown in Lot 1, Shorthorns.....	\$75 00
34	Best animal shown in Lot 2, Herefords.....	75 00
35	Best animal shown in Lot 3, Devons.....	75 00
36	Best animal shown in Lot 4, Aberdeen-Angus.....	75 00
37	Best animal shown in Lot 5, Holsteins or Friesian.....	75 00
38	Best animal shown in Lot 6, Grades or Crosses.....	75 00
39	Best animal shown in Lot 7, Range Cattle.....	75 00

**Lot 10—Grand Sweepstakes.**

40	Best Steer, Barren Cow or Spayed Heifer in the show....	\$100 00
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**Lot 11—Pen of Cattle.**

41	Best 5 Steers, Barren or Spayed Cows 3 and under 4 years....	\$150 00
	Second best.....	75 00
42	Best 5 Steers or Spayed Heifers 2 and under 3 years.....	150 00
	Second best.....	75 00
43	Best 5 Steers or Spayed Heifers 1 and under 2 years.....	150 00
	Second best.....	75 00
44	Best 5 Steers or Spayed Heifers under 1 year.....	150 00
	Second best.....	75 00

**Lot 12—Dressed Carcass.**

Not less than two entries in each ring will be considered—only one entry, (excepting sweepstakes and the grand sweepstakes animals,) can be made by the same exhibitor for each premium.

45	Best Carcass of Steer, Barren or Spayed Cow 3 and under 4 years..	\$75 00
46	Best Carcass of Steer or Spayed Heifer 2 and under 3 years.....	75 00
47	Best Carcass of Steer or Spayed Heifer 1 and under 2 years.....	75 00
48	Best Carcass of Steer or Spayed Heifer under 1 year old.....	75 00

**Lot 13—Dressed Carcass—Sweep-  
stakes.**

49	Best Carcass of Steer, Barren Cow or Spayed Heifer of any age.	\$100 00
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**Lot 14—Heaviest Fat Steer.**

Open to all ages.

50	First premium.....	\$75 00
	Second premium.....	50 00
	Third premium.....	25 00

**Lot 15—Gain Per Day.**

Steer, Barren Cow or Spayed Heifer showing the greatest average gain per day including weight at birth.

51	Best Steer, Barren or Spayed Cow 3 and under 4 years.....	\$50 00
	Second best.....	25 00
52	Best Steer or Spayed Heifer 2 and under 3 years.....	50 00
	Second best.....	25 00
53	Best Steer or Spayed Heifer 1 and under 2 years.....	50 00
	Second best.....	25 00
54	Best Steer or Spayed Heifer under 1 year old.....	50 00
	Second best.....	25 00

**Lot 16—Cost of Production.**

Entries to be made on prescribed form and verified by affidavit.

55	Best Steer, Barren or Spayed Cow 3 and under 4 years.....	\$65 00
	Second best.....	35 00
56	Best Steer or Spayed Heifer 2 and under 3 years old.....	65 00
	Second best.....	35 00
57	Best Steer or Spayed Heifer 1 and under 2 years old.....	65 00
	Second best.....	35 00
58	Best Steer or Spayed Heifer un- der 1 year old.....	65 00
	Second best.....	35 00

# COST OF PRODUCTION.

## FORM OF APPLICATION FOR ENTRY.

*Secretary State Board of Agriculture:*

I hereby make application to enter the following described animal, in Lot 16—  
Cost of Production—and give items of cost and other particulars below:

Name..... P. O.....

### PEDIGREE.

Name.....  
Herd Book No. .... Color, etc.....  
Date of Birth .....  
Bred by....., of.....  
Got by.....  
1 dam.....  
2 dam.....  
3 dam.....

### COST OF PRODUCTION—FIRST YEAR.

Value of calf at birth.....\$...  
Quantity and value of milk consumed.  
No galls..... price per gall.....  
\*Quantity and value of grain, meal  
and feed of each kind other than  
hay, forage and pasture consumed  
during the first twelve months,  
as follows:  
.....lbs. of.....@..... per 100 lbs.  
.....@.....  
.....@.....  
.....@.....  
†Quantity, kind and value of hay and  
other forage (except pasture) con-  
sumed first twelve months, as fol-  
lows:  
.....lbs. of.....@..... per 100 lbs.  
.....@.....  
.....@.....  
.....@.....  
‡Value of grass consumed in pastures  
up to 12 months of age.....  
Expense for care, feeding, salting,  
etc., up to 12 months of age.....  
§Other expenses for food, etc., up to  
12 months of age, not named above,  
as follows:  
.....  
Total cost of production up to twelve  
months of age.....

Weight of animal at 12 months of age,  
.....lbs.  
Value of animal at 12 months of age,\$....  
What kinds and how much other food  
than milk and pasture was given to  
the calf daily while suckling?.....  
At what age was the calf weaned?.....  
Was the calf allowed to run with dam  
until weaned?.....  
Is a daily allowance of grain for yearling  
steers, when on grass, profitable? .....

### COST OF PRODUCTION—SECOND YEAR.

#### ANIMAL ONE AND UNDER TWO YEARS OLD,

Weight of animal at 12 months of age,  
.....lbs.  
Value of animal at 12 months of age..\$...  
\*Quantity, kind and value of grain,  
meal and feed of each kind other  
than hay, forage and pasture con-  
sumed from 12 months of age to No-  
vember 11, 1884, as follows:  
.....lbs. of.....@..... per 100 lbs.  
.....@.....  
.....@.....  
.....@.....  
.....@.....  
\*Quantity, kind and value of grain,  
meal and feed of each kind other  
than hay, forage and pasture con-  
sumed from 12 months of age up to  
24 months of age, as follows:  
.....lbs. of.....@..... per 100 lbs.  
.....@.....  
.....@.....  
.....@.....  
.....@.....  
†Quantity, kind and value of hay and  
other forage, except pasture, con-  
sumed from 12 months of age up to  
November 11, 1884, as follows:  
‡Quantity, kind and value of hay and  
other forage, except pasture, con-  
sumed from 12 months of age up to  
24 months of age, as follows:  
.....lbs. of.....@..... per 100 lbs.  
.....@.....  
.....@.....  
.....@.....  
.....@.....



lbs. of.....@.....per 100 lbs. \$...	
.....@.....	
.....@.....	
†Value of grass consumed in pasture from 12 months of age to November 11, 1884.....	
†Value of grass consumed in pasture from 12 months of age to 24 months of age.....	
Expense for care, feeding, salting, etc., from 12 months of age to November 11, 1884.....	
Expense for care, feeding, salting, etc., from 12 months of age to 24 months of age.....	
‡Other expenses for food, etc., not named above, from 12 months of age to November 11, 1884, as follows:.....	
.....	
§Other expenses for food, etc., not named above, from 12 months of age up to 24 months of age, as follows:.....	
.....	
Total cost of production from 12 mos. of age to Nov. 11, 1884.....	
Total cost of production from 12 mos. of age up to 24 months of age.....	
Weight of animal Nov. 11, 1884.....lbs.	
Weight of animal at 24 mos.....lbs.	
Value of animal Nov. 11, 1884, \$6 per 100	
Value of animal at 24 mos.....\$6 per 100	

## REMARKS.

Was the animal stabled or sheltered during the winter? .....

Was the animal allowed range of pasture during the winter? .....

Daily allowance of grain? .....

## COST OF PRODUCTION—THIRD YEAR.

## ANIMAL TWO AND UNDER THREE YEARS OF AGE.

Weight of animal at 24 months of age, .....

lbs.

Value of animal at 24 months of age.. \$...	
*Quantity, kind and value of grain, meal and feed of each kind other than hay, forage and pasture, consumed from 24 months of age to November 11, 1884, as follows:	
.....lbs. of.....@.....per 100 lbs.	
.....@.....	
.....@.....	
*Quantity, kind and value of grain, meal and feed of each kind other than hay, forage and pasture, consumed from 24 months of age up to 36 months of age;	
.....lbs. of.....@.....per 100 lbs.	
.....@.....	
.....@.....	
†Quantity, kind and value of hay and other forage, except pasture, consumed from 24 months of age up to November 11, 1884, as follows:	
.....lbs. of.....@.....per 100 lbs.	
.....@.....	
.....@.....	
.....@.....	

†Quantity, kind and value of hay and other forage, except pasture, consumed from 24 months of age up to 36 months of age:	
.....lbs. of.....@.....per 100 lbs.	
.....@.....	
.....@.....	
†Value of grass consumed in pasture from 24 months of age to November 11, 1884.....	
†Value of grass consumed in pasture from 24 months of age up to 36 mos. of age.....	
Expense for care, feeding, salting, etc., from 24 months of age to November 11, 1884.....	
Expense for care, feeding, salting, etc., from 24 months of age up to 36 months of age.....	
§Other expenses not named above, from 24 months of age to November 11, 1884, as follows:.....	
.....	
§Other expenses not named above, from 24 months of age to 36 months of age, as follows:.....	
.....	
Total cost of production, from 24 mos. of age to November 11, 1884.....	
Total cost of production from 24 mos. of age up to 36 months of age.....	
Weight of animal Nov. 11, 1884.....	
Weight of animal 36 mos. of age.....	
Value of animal Nov. 11, 1884.....	
Value of animal 36 mos. of age.....	

## REMARKS.

Was the animal stabled or sheltered during winter? .....

Was the animal allowed range of pasture during winter? .....

Daily allowance of grain? .....

## COST OF PRODUCTION FOR PART OF FOURTH YEAR.

## ANIMAL THREE AND UNDER FOUR YEARS.

Weight of animal at 36 mos. of age lbs.	
Value of animal at 36 mos. of age at \$6 00 per 100.....	
*Quantity, kind and value of grain, meal and feed of each kind other than hay, forage and pasture, consumed from 36 months of age to November 11, 1884, as follows:	
.....lbs. of.....@.....per 100 lbs.	
.....@.....	
.....@.....	
*Quantity and value of hay and other forage (except pasture) consumed, from 36 months of age to November 11, 1884.....	
.....lbs. of.....@.....per 100 lbs.	
.....@.....	
.....@.....	
§Value of grass consumed in pasture, from 36 months of age to November 11, 1884.....	

Expense for care, feeding, salting,  
etc., from 36 months of age to No-  
vember 11, 1884.....  
\$Other expenses not named above,  
from 36 months of age to November  
11, 1884, as follows:

Total cost of production from 36 mos.  
of age to November 11, 1884.....  
Weight of animal Nov. 11, 1884, lbs.....  
Value of animal Nov. 11, 1884.....\$....

## REMARKS.

Was the animal stabled or sheltered dur-  
ing winter?

Was the animal allowed range of pasture  
during winter?

Daily allowance of grain?

## RECAPITULATION.

Cost of production—  
At 12 months of age.....  
November 11, 1884, (steer 1 and under 2).....  
At 24 months of age.....

Blanks for Cost of Production furnished on application.

November 11, 1884, (steer 2 and under 3).....  
At 36 months of age.....  
November 11, 1884 (steer 3 and under 4).....  
Total.....\$

On this.....day of November, 1884, per-  
sonally appeared before me....., who  
being duly sworn, says that the above  
statement is true.

[SEAL] .....N. P.

\*State, separately, amount of corn, oats  
linseed or other meal, grain roots, etc.;  
whether ground, steamed, or otherwise  
specially prepared; price of each per 100  
pounds.

†State, separately, amount of timothy,  
clover, millet, prairie or other hay, and  
price of each per ton; also whether cut  
or otherwise specially prepared.

‡State kind of pasture—blue-grass, tim-  
othy, clover, or otherwise.

\$Specify kind, amount and value of each  
of the several kinds of food.

## CLASS B.—Horses.

E. C. LEWIS, SUPERINTENDENT.

The Exposition Building will be open for the reception of Stock on Monday, the 10th day of November, 1884:

The exhibition of horses and the admission of live stock for exhibition only or for sale, will be, if at all, only to the extent of the space at the disposition of the committee of arrangements, without limiting or incommoding the exhibition of Fat Stock competing for prizes, and no engagement of space for such non-competing animals can be assured before November 1, 1884, after the close of the entries of competing animals.

## ENTRIES.

1. Must be made on or before November 1, by application to the Secretary, at Springfield, who will furnish blank applications on which to specify exhibitor's name and address, with description of animal offered.

2. In all the thoroughbred classes, authentic pedigrees must be furnished.

3. The following fee will be charged, and must accompany applications for entries:  
For each horse, \$2.00

4. Each exhibitor must purchase an exhibitor's ticket, (\$1.50.), when applying for entries, a firm being regarded as one exhibitor, only one member of the firm will be admitted to the building on the ticket.

## Lot 17—For Horses on Exhibition.

No premiums will be awarded to Horses, nor examination made by committee, but every facility will be afforded for exhibition.

No exhibitor will be permitted to show more than ten horses.

## CLASS C—Sheep.

D. W. VITNUM, JR., SUPERINTENDENT.

The Exposition Building will be open for the reception of stock on Monday, the 10th day of November, 1884. Sheep must be in their pens in the Exposition Building, Chicago, not later than Monday, November 10, 1884, in order that they may be weighed, numbered and catalogued previous to the opening of the show. Vicious animals will not be admitted to the building, or if admitted, will be removed.

2. Entries must be made on or before November 1, by application to the Secretary, at Springfield, who will furnish blank applications on which to specify exhibitor's name and address, with age and description of the animal offered.

3. The fee for each sheep will be \$1.00, and must accompany the application for entry. Each exhibitor must purchase an exhibitor's ticket (\$1.50) when applying for entries, a firm being regarded as one exhibitor; only one member of a firm will be admitted to the building on the ticket which entitles the firm to compete.

4. Butcher's stock only will be eligible to compete for premiums, and animals that are to be used hereafter for breeding purposes will be excluded from competition.

5. All statements of facts required of exhibitor's in making entries in regard to age, pedigree, etc., must be verified by affidavit. In all thoroughbred classes, recorded pedigrees or such as are eligible to record, must be furnished at time of entry. Statements showing date of birth, the proportion of improved blood in each animal exhibited in lots for grades or crosses, must be furnished at time of entry.

6. Only animals awarded first prizes in Lots 18, 19, 20, 21 and 22 are entitled to compete in the sweepstakes rings (Lot 23), and only animals awarded sweepstakes prizes in Lot 23, or animals not elsewhere shown, are eligible to compete for the grand sweepstakes prize, Lot 24. Animals awarded sweepstakes prizes in Lot 23, and the grand sweepstakes prize in Lot 24, will be slaughtered in competition for the prizes in Lot 27. All other animals are eligible, at the option of their owners, to compete in the slaughter rings, provided only one entry (excepting the sweepstakes and grand sweepstakes prize animals) can be made by the same exhibitor for each premium offered in Lot 27 for dressed carcasses.

7. Animals competing for premiums in Lot 25, Heaviest Fat Sheep, will be kept off of feed and water twelve hours before making the award, by the Superintendent of the Department.

8. All awards shall be made by ballot, and without consultation. The awarding committees shall consist of three judges, two of which, if agreed: shall be competent to make an award. In case of a tie vote, the third committeeman shall decide which of the two animals or car-load lots voted for shall receive the premium.

9. The animals in this class which have the most meat in value in proportion to live weight shall be awarded the premium; also taking into consideration the value of the pelt.

10. Animals originally entered for competition in Lot 27—Carcasses—will be placed in charge of the Superintendent of the Department on the opening day, and will thereafter be fed uniformly, under his direction. Animals not so entered, and which may, by rule (6) be eligible to compete for the prize in (Lot 24) Grand Sweepstakes, will be placed under the same direction, and for the same purpose, immediately after the award determining such competition shall be made.

11. The animals for slaughter will be killed, dressed and weighed under the direction of a committee. The premium in each ring will be awarded that animal whose dressed carcass is of the highest market value in proportion to live weight. The dressed carcass and offal to remain the property of the exhibitor, and will be at owner's risk as to condition.

13. Premium animals only will be measured.

### Lot 18—Southdowns.

59	Best wether 2 and under 3 years	\$25 00
	Second best.....	15 00
	Third best.....	10 00
60	Best wether 1 and under 2 years	25 00
	Second best.....	15 00
	Third best.....	10 00
61	Best wether under 1 year.....	25 00
	Second best.....	15 00
	Third best.....	10 00

### Lot 19—Other downs.

62	Best wether 2 and under 3 years	\$25 00
	Second best.....	15 00
	Third best.....	10 00
63	Best wether 1 and under 2 years	25 00
	Second best.....	15 00
	Third best.....	10 00
64	Best wether under 1 year.....	25 00
	Second best.....	15 00
	Third best.....	10 00



**Lot 20—Cotswolds.**

65	Best wether 2 and under 3 years.	\$25 00
	Second best.....	15 00
	Third best.....	10 00
66	Best wether 1 and under 2 years.	25 00
	Second best.....	15 00
	Third best.....	10 00
67	Best wether under 1 year.....	25 00
	Second best.....	15 00
	Third best.....	10 00

**Lot 21—Leicester and Lincolns.**

68	Best wether 2 and under 3 years	\$25 00
	Second best.....	15 00
	Third best.....	10 00
69	Best wether 1 and under 2 years.	25 00
	Second best.....	15 00
	Third best.....	10 00
70	Best wether under 1 year.....	25 00
	Second best.....	15 00
	Third best.....	10 00

**Lot 22—Grades and Crosses.**

71	Best wether 2 and under 3 years.	\$25 00
	Second best.....	15 00
	Third best.....	10 00
72	Best wether 1 and under 2 years.	25 00
	Second best.....	15 00
	Third best.....	10 00
73	Best wether under 1 year.....	25 00
	Second best.....	15 00
	Third best.....	10 00

**Lot 23—Sweepstakes.**

74	Best wether 2 and under 3 years	\$50 00
75	Best wether 1 and under 2 years.	50 00
76	Best wether under 1 year.....	50 00

**Lot 24—Grand Sweepstakes.**

77	Best wether in show.....	50 00
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**Lot 25—Heaviest Fat Sheep.**

Open to all.

78	Wether, any age.....	\$50 00
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**Lot 26—Pen Wethers.**

79	Best 5 fat wethers 2 and under 3	\$50 00
80	Best 5 fat wethers under 2 years.	50 00

**Lot 27—Dressed Carcass.**

Not less than two entries will be considered in each ring, and only one entry (excepting sweepstakes animals) can be made by the same exhibitor for each premium.

81	Best carcass wether 2 years or over.....	\$50 00
82	Best carcass wether 1 and under 2 years.....	25 00
83	Best carcass wether under 1 year.....	25 00

**Lot 28—Gain Per Day.**

84	Wether showing greatest average per day including weight at birth. Entries to be accompanied by affidavit, giving exact age.....	\$50 00
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**Lot 29—Cost of Production.**

Entries to be made on the prescribed form and verified by affidavit

85	Wether 2 and under 3 years of age produced at the least cost per pound live weight.....	\$50 00
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**CLASS D.—Swine.**

DAVID GORE, SUPERINTENDENT.

1. The Exposition Building will be open for the reception of Stock on Monday, the 10th day of November, 1884. Hogs must be in their pens in the Exposition Building, Chicago, not later than Monday, November 10, 1884, in order that they may be weighed, numbered and catalogued previous to the opening of the show. Vicious animals will not be admitted to the building, or if admitted will be removed.

2. Entries must be made on or before November 1, by application to the Secretary, at Springfield, who will furnish blank applications on which to specify exhibitor's name and address, with age and description of the animal offered.

3. The fee for each Hog will be \$1.00, and must accompany the application for entry. Each exhibitor must purchase an exhibitor's ticket (\$1.50) when applying for entries, a firm being regarded as one exhibitor; only one member of the firm will be admitted to the building on the ticket which entitles the firm to compete.

4. Butcher's stock only will be eligible to compete for premiums, and animals that are to be used hereafter for breeding purposes will be excluded from competition.

5. All statements of facts required of exhibitors in making entries in regard to age, pedigree, etc., must be verified by affidavit. In all thoroughbred classes, recorded pedigrees or such as are eligible to record, must be furnished at time of the entry. Statements showing date of birth, the proportion of improved blood in each animal exhibited in lots for grades or crosses, must be furnished at time of entry.

6. Only animals awarded first prizes in Lots 30, 31, 32, 33, 34, 35 and 36 are entitled to compete in the sweepstakes rings (Lot 37), and only animals awarded sweepstakes prizes in (Lot 38), or animals not elsewhere shown are eligible to compete for the Grand Sweepstakes prize Lot 3. Animals awarded sweepstakes prizes in Lot 37, and the grand sweepstakes prize in Lot 38, will be slaughtered in competition for the prizes in Lot 41. All other animals are eligible, at the option of their owners, to compete in the slaughter rings, provided that only one entry (excepting the sweepstakes and grand sweepstakes prize animals) can be made by the same exhibiter for each premium offered in Lot 41 for dressed carcasses.

7. Animals competing for premiums in Lot 39, Heaviest Fat Hog, will be kept off of feed and water twelve hours before making the award, by the Superintendent of the Department.

8. All awards shall be made by ballot, and without consultation. The awarding committees shall consist of three judges, two of which, if agreed, shall be competent to make an award. In case of a tie vote, the third committeeman shall decide which of the two animals or ear-load lots voted for shall receive the premium.

9. The animals in this class which have the most meat in value in proportion to live weight shall be awarded the premium.

10. Animals originally entered for competition in Lots 41—Carcasses—will be placed in charge of the Superintendent of the Department on the opening day, and will thereafter be fed uniformly, under his direction. Animals not so entered and which may, by rule (6) be eligible to compete for the prize in (Lot 38), Grand Sweepstakes, will be placed under the same direction, and for the same purpose, immediately after the award determining such competition shall be made.

11. The animals for slaughter will be killed, dressed and weighed under the direction of a committee. The premium in each ring will be awarded that animal whose dressed carcass is of the highest market value in proportion to live weight. The dressed carcass and offal to remain the property of the exhibiter, and will be at owner's risk as to condition.

12. Premium animals only will be measured.

### Lot 30—Berkshires.

86	Best barrow 12 and under 18 months.....	\$25 00
	Second best.....	15 00
	Third best.....	10 00
87	Best barrow under 1 year.....	25 00
	Second best.....	15 00
	Third best.....	10 00

### Lot 31—Poland China.

88	Best barrow 12 and under 18 months.....	\$25 00
	Second best.....	15 00
	Third best.....	10 00
89	Best barrow under 1 year.....	25 00
	Second best.....	15 00
	Third best.....	10 00

### Lot 32—Chester White and Victoria.

90	Best barrow 12 and under 18 months.....	\$25 00
	Second best.....	15 00
	Third best.....	10 00
91	Best barrow under 1 year.....	25 00
	Second best.....	15 00
	Third best.....	10 00

### Lot 33—Essex.

92	Best barrow 12 and under 18 months.....	\$25 00
	Second best.....	15 00
	Third best.....	10 00
93	Best barrow under 1 year.....	25 00
	Second best.....	15 00
	Third best.....	10 00

### Lot 34—Duroc Jersey Red.

94	Best barrow 12 and under 18 months.....	\$25 00
	Second best.....	15 00
	Third best.....	10 00
95	Best barrow under 1 year.....	25 00
	Second best.....	15 00
	Third best.....	10 00

### Lot 35—Yorkshire and Suffolk.

96	Best barrow 12 and under 18 months.....	\$25 00
	Second best.....	15 00
	Third best.....	10 00
97	Best barrow under 1 year.....	25 00
	Second best.....	15 00
	Third best.....	10 00

### Lot 36—Grades and Crosses.

98	Best barrow 12 and under 18 months.....	\$25 00
	Second best.....	15 00
	Third best.....	10 00
99	Best barrow under 1 year.....	25 00
	Second best.....	15 00
	Third best.....	10 00

### Lot 37—Sweepstakes.

100	Best barrow 12 and under 18 months.....	\$50 00
101	Best barrow under 1 year.....	50 00

### Lot 38—Grand Sweepstakes.

102	Best barrow in the show .....	\$50 00
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**Lot 39—Heaviest Fat Hog.**

Open to all.

103 Heaviest barrow of any age.....\$50 00

**Lot 40—Pen Barrows.**

104 Best 5 fat barrows 12 and under  
18 months .....\$100 00  
105 Best 5 fat barrows under 1 year 100 00

**Lot 41—Dressed Carcass.**

Not less than two entries will be considered in each ring and only one entry, (excepting sweepstakes animals,) can be made by the same exhibitor for each premium.

106 Best carcass of barrow 12 and  
under 18 months.....\$25 00

107 Best carcass of barrow under 1  
year old ..... 25 00

**Lot 42—Gain Per Day.**

108 Barrow showing greatest average gain per day including weight at birth; entries to be accompanied by affidavit giving exact age.....\$50 00

**Lot 43—Cost of Production.**

Entries to be made on the prescribed form and verified by affidavit.

109 Barrow 12 and under 18 months  
produced at the least cost per  
pound, live weight.....\$50 00

## DONATIONS.

The following cash subscriptions have been made in Chicago to the General Premium Fund of the Fat-Stock Show for 1884:

Union Stock Yards and Transit Co., John B. Sherman, Manager .....	\$3,000
Grand Pacific Hotel, John B. Drake & Co., Proprietors.....	200
Sherman House, J. Irving Pierce, Proprietor .....	200
Palmer House, Palmer House Co., Proprietors.....	100
Leland Hotel, Warren F. Leland, Proprietor.....	25
Tremont House, John A. Rice & Co., Proprietors.....	25
Commercial Hotel, C. W. Dabb & Co., Proprietors.....	25
McCoy Hotel, William McCoy, Proprietor.....	15
Central House, 250 State street, W. E. Briggs, Proprietor.....	15
Crawford House, Adams and Wabash avenue, G. W. Babcock, Manager.....	15
Afton House, 73 and 75 Monroe street, C. A. Phillips, Proprietor.....	10
Windsor European Hotel, 145 Dearborn street, Samuel Gregsten, Proprietor.....	10
Brevoort House, 143 Madison street, Benjamin & Wentworth, Proprietors.....	10
Benton House, Clark street, near Madison, Benton Mauzy, Proprietor.....	10
Hotel Cortland, Downey & Hilb, Proprietors.....	10
E. H. Lehman.....	25
L. Adams & Co.....	25



# SPECIAL PREMIUMS.

## CLASS A—CATTLE.

### LOT 6—GRADES OR CROSSES.

Best Steer or Spayed Heifer over 1 and under 2 years :

First prize given by the <i>Prairie Farmer</i> , cash.....	\$25 00
Second prize, ten annual subscriptions, and a large map of the United States (mounted) with each subscription; the paper to be mailed postpaid to any address or addresses desired.....	20 00
Third prize, five annual subscriptions and map with each, as above.....	10 00

Best Steer or Spayed Heifer under 1 year :

<i>Farmers' Review</i> offers a cash prize of.....	30 00
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### LOT 8—ALL BREEDS AND GRADES, BY AGES.

Best Steer, Barren or Spayed Cow 3 and under 4 years:

Coleman, Post & Reed, Proprietors, Ill. Agr'l Works, Springfield, offer one Post's combined cultivator, valued at.....	\$30 00
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Best Steer or Spayed Heifer 2 and under 3 years :

Schuttler & Hotz, Chicago, offer one Stock-feeder's Dump Wagon, with single-trees, doubletree and neck-yoke, all complete—made after entirely new plans, and especially adapted for the above purposes, valued at.....	\$125 00
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Best Steer or Spayed Heifer 1 and under 2 years :

Furst and Bradley Manufacturing Co., Chicago, offers a Swing Beam Sulkey Plow, valued at.....	60 00
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### LOT 9—SWEEPSTAKES.

Best Animal shown in Lot 1—Shorthorns :

H. J. Whitcomb & Son, Chicago, offer one No. 8 White Sewing Machine, valued at	\$65 00
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Best Animal shown in Lot 2—Herefords :

H. C. Staver & Co., Chicago, offer one improved Buckeye Feed-Grinder, with Horse-power combined, valued at.....	75 00
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Best Animal shown in Lot 5—Holstein or Fresian :

C. D. Peacock, Chicago (Jeweler), offers a Water Pitcher and Tray, valued at....	25 00
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### LOT 11—PEN OF CATTLE.

Best five Steers, Barren or Spayed Cows, 3 and under 4 years;

Marshall Field & Co., Chicago, cash prize.....\$125 00

Best five Steers or Spayed Heifers 2 and under 3 years:

Marshall Field & Co., Chicago, cash prize..... 125 00

### LOT 12 - DRESSED CARCASS.

Best Carcass of Steer or Spayed Cow 3 and under 4 years.

Fairbanks, Morse & Co., Chicago, offer one 4-ton Scale with Double Beam and Weigh Box, valued at..... 170 00

Best Carcass of Steer or Spayed Heifer 1 and under 2 years.

W. W. Kimball, Chicago, offers one Cabinet Organ, valued at..... 150 00

### THE ILLINOIS SHORT-HORN BREEDERS' ASSOCIATION

Agree to duplicate all premiums offered by the State Board of Agriculture and awarded Illinois exhibitors of thoroughbred Shorthorn cattle, shown at the seventh annual American Fat Stock Show.

### THE IOWA SHORT-HORN BREEDERS' ASSOCIATION

Agree to duplicate all premiums offered by the Ill. State Board of Agriculture and won by Iowa Exhibitors of Shorthorns or Shorthorn grades, at the American Fat-Stock Show, Chicago, November, 1884.

### THE IOWA STATE AGRICULTURAL SOCIETY

Agree to duplicate all premiums offered by the Illinois State Board of Agriculture at the Seventh Annual American Fat Stock Show, and awarded to Iowa exhibitors.

### THE AMERICAN HEREFORD ASSOCIATION

Agree to duplicate all premiums offered by the Illinois State Board of Agriculture and awarded Herefords or grade Herefords at the Seventh Annual Fat Stock Show, to be held in Chicago November, 1884.

### THE HOLSTEIN BREEDERS' ASSOCIATION OF AMERICA

OFFER

### SPECIAL PREMIUMS

AS FOLLOWS, FOR

### PURE-BRED HOLSTEINS,

Exhibited at the Seventh American Fat Stock Show.

Best Steer, Barren or Spayed Cow 3 and under 4 years.....	\$30 00
Second best.....	20 00
Third best.....	10 00
Best Steer or Spayed Heifer 2 and under 3 years.....	30 00
Second best.....	20 00
Third best.....	10 00
Best Steer or Spayed Heifer 1 and under 2 years.....	30 00
Second best.....	20 00
Third best.....	10 00
Best Steer or Spayed Heifer under 1 year old.....	30 00
Second best.....	20 00
Third best.....	10 00
Best Holstein above ages.....	75 00

The Association offer two-thirds of the above premiums won by grade Holsteins having not less than 50 per cent of Holstein blood and showing the characteristics of the breed.

# CLASS C---Sheep.

## LOT 23 SWEEPSTAKES.

(Open to all).

Best Wether 2 and under 3 years:

Coleman, Post & Reed, proprietors Illinois Agricultural Works, Springfield, offer  
one Post's Capital City Cultivator, valued at ..... \$24 00

## LOT 26—PEN OF WETHERS.

Best 5 fat Wethers 2 and under 3 years:

Marshall Field & Co. Chicago, cash prize..... \$125 00

# CLASS D---Swine.

## LOT 37—SWEEPSTAKES.

(Open to all.)

Best Barrow 12 and under 18 months:

*Farmer's Review*, Chicago, Silver Cup, value..... 25 00

Best Barrow under 1 year:

Rice, Whitacre & Co., Chicago, a No. 2 Triumph Feed Steamer, valued at..... 60 00

## LOT 40—PEN BARROWS.

Best 5 Fat Barrows 12 and under 18 months:

Marshall Field & Co., Chicago, cash prize ..... 125 00

Best 5 Fat Barrows under 1 year:

Coleman, Post & Reed, proprietors Illinois Agricultural Works, Springfield, offer  
one of Post's tongueless Cultivators, valued at..... 22 00

# ILLINOIS SWINE BREEDERS' ASSOCIATION.

Will meet at the Secretary's office on the Fair Grounds on Tuesday and Wednesday of Fair Week at seven o'clock, p. m.

Essays and subjects of interest to swine breeders will be discussed, and such business transacted as may properly come before the Association. Also the election of officers for the ensuing two years.

CHAS. F. MILLS, PRESIDENT, Springfield, Ill.

JAMES W. BOSTON, SECRETARY, Jacksonville, Ill.



## ILLINOIS WOOL GROWERS' ASSOCIATION

Will meet on the Fair Grounds, Wednesday and Thursday of Fair Week, at seven o'clock, p. m.

Essays and discussions of interest may be expected. The interest having steadily increased in this Association for several years past it is expected that this year many more Illinois wool growers will be brought together.

A. M. GARLAND, PRESIDENT, Springfield, Ill.

V. P. RICHMOND, SECRETARY, Moro, Ill.

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### ELEVENTH ANNUAL MEETING

## ILLINOIS DAIRYMENS' ASSOCIATION,

WILL BE HELD AT

CHAMPAIGN, ILLINOIS,

DECEMBER 17, 18 and 19, 1884.

JOSEPH TEFFT, PRESIDENT, Elgin, Ill.

R. P. McGLINCY, SECRETARY, Elgin, Ill.

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## THE ILLINOIS STATE HORTICULTURAL SOCIETY

Will hold its annual meeting at Champaign, December 9, 10 and 11, 1884.

The Society will hold a Fruit Exhibit in connection with the meeting, \$3,000 in premiums being offered.

J. M. PEARSON, PRESIDENT, Godfrey.

A. C. HAMMOND, SECRETARY, Warsaw.

H. M. DUNLAP, ASSISTANT SECRETARY, Savoy.

# FAIRS IN ILLINOIS IN 1884.

COUNTIES.	PLACE OF FAIR.	TIME OF FAIR.	PRESIDENT.	SECRETARY.
Adams.....	Camp Point .....	September 1-5 .....	E. A. Rogers .....	Fred. Boger.....
Adams.....	Quincy .....	August 18-21 .....	E. M. Miller.....	T. D. Woodruff.....
Alexander.....	.....	.....	.....	.....
Bond.....	.....	.....	.....	.....
Boone.....	Belvidere .....	September 2-5 .....	George Reed.....	A. E. Jenner.....
Brown.....	Mt. Sterling .....	August 26-29 .....	C. M. Dunlap.....	J. J. McDannold.....
Bureau.....	Princeton .....	September 16-19 .....	Jno. Crossman .....	M. C. Clark.....
Calhoun.....	.....	.....	.....	.....
Carroll.....	Mt. Carroll .....	September 2-5 .....	E. Bailey.....	J. L. Reynolds.....
Cass.....	Virginia .....	August 19-22 .....	R. W. Babourn .....	R. Lancaster.....
Champaign.....	Champaign.....	August 26-29 .....	H. H. Harris .....	H. J. Dunlap .....
Christian.....	.....	.....	.....	.....
Clark.....	.....	.....	.....	.....
Clay.....	Flora.....	September 30.....	Sylvester Rider.....	J. H. Smith.....
Clinton.....	.....	.....	.....	.....
Coles.....	Charleston .....	September 9-13 .....	William Millar.....	W. E. Hampton .....
Cook.....	.....	.....	.....	.....
Crawford.....	Robinson .....	Sept. 30 to Oct. 3 .....	J. S. Kirk.....	Wm. Swaren.....
Cumberland.....	Toledo .....	September 17-20 .....	C. G. Jones.....	W. L. Bruster.....
DeKalb.....	Sycamore.....	September 16-19 .....	Hiram Holcomb.....	E. F. Wyman.....
DeWitt.....	Clinton .....	August 19-22 .....	Z. D. Cantrall .....	W. B. Rundle .....
DeWitt.....	Farmer City .....	September 2-5 .....	V. S. Lindsey .....	W. W. Alder.....
Douglas.....	Tuscola .....	September 2-5 .....	Isaac Cosler.....	Patrick C. Sloan.....
DuPage.....	Wheaton .....	September 3-5 .....	O. J. Wright.....	George W. Brown.....
Edgar.....	Paris .....	September 2-6 .....	W. O. Wilson.....	H. B. Adams.....
Edwards.....	Albion .....	September 23-26 .....	Jno. Curtis.....	M. Emmerson.....
Effingham.....	Effingham .....	Sept. 30 to Oct. 3 .....	Wm. Donaldson.....	Owen Scott.....
Fayette.....	Vandalia .....	September 24-27 .....	O. E. Lovett.....	Chas. L. Dinges.....
Ford.....	Piper City .....	October 1-3.....	James Arnold.....	Henry Allnutt.....
Franklin.....	Benton .....	October 21-24.....	Wm. R. Webb.....	W. F. Spiller.....
Fulton.....	Canton .....	.....	.....	.....
Fulton.....	Avon .....	September 23-26 .....	D. H. Gorham.....	S. L. Tompkins.....
Gallatin.....	Shawneetown.....	August 26-29 .....	M. M. Pool.....	Jno. L. Robinson.....
Greene.....	Carrollton .....	Sept. 30 to Oct. 3 .....	E. V. Baldwin.....	N. J. Andrews.....
Grundy.....	.....	.....	.....	.....
Hamilton.....	McLeansboro.....	September 16-20 .....	John H. Wilson.....	T. B. Stetle.....
Hancock.....	Carthage .....	September 8-12 .....	E. W. Bennett.....	O. F. Berry.....
Hancock.....	Warsaw .....	August 26-29 .....	Isaac Bliss.....	Jas. T. Johnson.....
Hardin.....	Elizabethtown.....	September 24-27 .....	J. B. Miller, Sr.....	L. F. Twitchell.....
Henderson.....	Briggsville .....	September 9-12 .....	Thos. G. Richey.....	R. A. McKinley .....
Henry.....	Cambridge .....	September 1-5 .....	N. C. Gilbert.....	R. H. Hinman.....
Iroquois.....	Watseka .....	September 9-12 .....	Wm. M. Coney.....	Geo. J. Sherrin.....
Jackson.....	Murphysboro.....	Sept. 30 to Oct. 3 .....	J. B. Mayham.....	Geo. Kennedy, Jr.....
Jackson.....	Carbondale.....	October 14-17 .....	J. M. Scurlock.....	S. T. Brush.....
Jasper.....	Newton .....	September 16-19 .....	Jno. Mason.....	W. E. Barrett.....
Jefferson.....	Mt. Vernon .....	October 14-17 .....	John Wilbanks.....	John S. Bogan.....
Jersey.....	Jerseyville .....	October 14-17 .....	David E. Beaty.....	Morris R. Locke.....
Jo Daviess.....	Galena .....	Sept. 30 to Oct. 3 .....	G. S. Avery.....	Frank Bostwick.....
Jo Daviess.....	Warren .....	September 16-19 .....	R. Hawley.....	Joseph Hicks.....
Johnson.....	.....	.....	.....	.....
Kane.....	.....	.....	.....	.....
Kankakee.....	Kankakee .....	September 2-5 .....	Peleg Winslow.....	M. Enyart.....
Kendall.....	Yorkville .....	September 2-5 .....	N. Loucks.....	Chas. F. Hobbs.....
Knox.....	Knoxville .....	September 1-5 .....	D. M. Eiken.....	O. L. Campbell.....
Lake.....	Waukegan .....	Sept. 29 to Oct. 24 .....	O. S. Lincoln.....	H. E. Partridge.....
Lake.....	Libertyville .....	September 17-20 .....	E. W. Parkhurst.....	Wm. L. Biggs.....
LaSalle.....	Mendota .....	September 1-6 .....	Wm. Truman.....	Chas. T. Madden.....
Lawrence.....	.....	.....	.....	.....
Lee.....	.....	.....	.....	.....
Livingston.....	Fairbury .....	September 15-19 .....	R. C. Straight.....	T. S. O. McDowell.....
Logan.....	Lincoln .....	August 25-29 .....	A. B. Nicholson.....	T. H. Stokes.....
Logan.....	Atlanta .....	September 2-5 .....	Ed. Stubblefield.....	J. P. Hieronymus.....
Macoupin.....	Decatur .....	.....	.....	.....
Madison.....	Carlinville .....	Sept. 30 to Oct. 3 .....	Joseph Bird.....	Geo. J. Castle.....

COUNTIES.	PLACE OF FAIR.	TIME OF FAIR.	PRESIDENT.	SECRETARY.
Marion.....	Salem.....	October 28-31.....	A. Coffin.....	L. O. Vogt.....
Marion.....	Centralia.....	October 20-25.....	Robert E. Tate.....	S. A. Frazier.....
Marshall.....	Wenona.....	Sept. 29 to Oct. 3.....	S. S. Burgess.....	Geo. G. McAdam.....
Mason.....	Havana.....	Sept. 30 to Oct. 3.....	J. E. Kelsey.....	S. A. Murdock.....
Massac.....	Metropolis.....	October 8-11.....	J. C. Willis.....	T. S. Stone.....
McDonough.....	Macomb.....	August 26-29.....	O. W. Dines.....	W. H. Hainline.....
McDonough.....	Bushnell.....	Sept. 29 to Oct. 3.....	J. E. Chandler.....	J. E. Chandler.....
McHenry.....	Woodstock.....	September 2-5.....	T. McD. Rich'ds.....	A. S. Wright.....
McHenry.....	Marengo.....	September 16-19.....	L. W. Sheldon.....	P. M. Patrick.....
McLean.....	Bloomington.....	September 8-12.....	O. L. Cheney.....	W. A. Jones.....
Menard.....	.....	.....	.....	.....
Moreau.....	.....	.....	.....	.....
Monroe.....	.....	.....	.....	.....
Montgomery.....	Hillsboro.....	September 23-26.....	J. M. Truitt.....	Wm. K. Jackson.....
Morgan.....	Jacksonville.....	August 25-29.....	W. C. Carter.....	J. M. Dunlap.....
Moultrie.....	Sullivan.....	September 9-12.....	Dock Patterson.....	S. M. Smyser.....
Ogle.....	Oregon.....	September 16-19.....	Simon Sheaff.....	Wm. E. Itay.....
Ogle.....	Rochelle.....	September 23-26.....	J. A. Countryman.....	Geo. W. Clark.....
Peoria.....	Peoria.....	September 15-20.....	Jno. H. Hall.....	H. W. Wells.....
Perry.....	Pinckneyville.....	October 7-10.....	Alex. P. Baird.....	E. H. Lemen.....
Piatt.....	Monticello.....	August 18-22.....	Jesse W. Warner.....	C. A. Tatman.....
Pike.....	Pittsfield.....	September 23-26.....	J. M. Bush, Sr.....	E. F. Binns.....
Pope.....	Galeonda.....	October 1-4.....	William King.....	P. V. Trovillion.....
Pulaski.....	.....	.....	.....	.....
Putnam.....	.....	.....	.....	.....
Randolph.....	Sparta.....	October 15-17.....	J. H. Dickey.....	J. C. Bratney.....
Randolph.....	Chester.....	.....	.....	.....
Richland.....	Olney.....	September 9-12.....	S. M. Thomson.....	W. F. Beck.....
Rock Island.....	Port Byron.....	September 9-12.....	A. F. Hollister.....	A. Sadoris.....
Rock Island.....	Hillsdale.....	September 9-12.....	.....	J. Blackman.....
Saline.....	Harrisburg.....	September 2-5.....	W. E. Burnett.....	F. M. Pickett.....
Saline.....	El Dorado.....	September 23-27.....	John Yost.....	Geo. B. Parsons.....
Sangamon.....	Springfield.....	September 1-6.....	Geo. Pickrell.....	Jan. A. Winston.....
Schuyler.....	Rushville.....	August 19-22.....	E. M. Anderson.....	Jos. S. Bagby.....
Scott.....	.....	.....	.....	.....
Shelby.....	Shelbyville.....	September 16-20.....	Jno. A. Tackett.....	Geo. A. Roberts.....
Stark.....	Toulon.....	September 23-26.....	Henry Colwell.....	Chas. Myers.....
Stark.....	Wyoming.....	September 2-5.....	Rich'd Davidson.....	A. G. Hammond.....
St. Clair.....	Belleville.....	September 16-19.....	Joseph Reichert.....	Don Turner.....
Stephenson.....	.....	.....	.....	.....
Tazewell.....	Delavan.....	September 15-19.....	Ira B. Hall.....	D. B. Pittsford.....
Tazewell.....	Mackinaw.....	September 9-12.....	M. W. Puterbaugh.....	R. V. Howe.....
Union.....	Anna.....	August 26-29.....	D. V. Ussery.....	E. R. Jinnette.....
Union.....	Jonesboro.....	September 16-19.....	F. W. Green.....	J. H. Samson.....
Vermilion.....	Catlin.....	August 26-29.....	G. W. Wolfe.....	S. A. McGregor.....
Vermilion.....	Hoopeston.....	August 25-29.....	J. A. Cunningham.....	Dale Wallace.....
Vermilion.....	Danville.....	September 23-26.....	DeW. J. Moore.....	W. M. Bandy.....
Wabash.....	.....	.....	.....	.....
Warren.....	Monmouth.....	September 2-5.....	J. T. Reichard.....	Geo. C. Rankin.....
Washington.....	.....	.....	.....	.....
Wayne.....	.....	.....	.....	.....
White.....	Carmi.....	September 2-6.....	Elois Stinnett.....	F. E. Pomeroy.....
Whiteside.....	Sterling.....	August 26-29.....	Moses Dillon.....	H. A. Aument.....
Whiteside.....	Morrison.....	September 2-5.....	R. E. Logan.....	Ed. J. Congar.....
Whiteside.....	Albany.....	August 27-29.....	E. H. Nevitt.....	J. F. Happer.....
Will.....	.....	.....	.....	.....
Williamson.....	Marion.....	September 9-12.....	A. T. Benson.....	Jno. W. Burton.....
Winnebago.....	Rockford.....	September 1-5.....	L. McDonald.....	F. H. Kimball.....
Woodford.....	El Paso.....	September 22-27.....	Ed. Hodgson.....	Walter Bennett.....

## OTHER FAIRS.

Canada.....	Hamilton.....	Sept. 30 to Oct. 3.....	Robert Evans.....	Jonathan Davis.....
Canada.....	London.....	September 22-27.....	E. R. Robinson.....	Geo. McBroom.....
Indiana.....	Greensburg.....	August 26-30.....	Will Cumback.....	Ed. Kessing.....
Indiana.....	Vincennes.....	October 13-18.....	.....	Gerard Reiter.....
Indiana.....	New Harmony.....	September 9-13.....	.....	F. D. Bolten.....
Iowa.....	Cedar Rapids.....	September 9-12.....	.....	C. G. Greene.....
Iowa.....	Oskaloosa.....	August 25-29.....	H. H. Prine.....	Porter Hedge.....
Wisconsin.....	Elk Horn.....	September 23-26.....	Wm. Blakeley.....	W. H. Morrison.....
Wisconsin.....	Mineral Point.....	September 2-5.....	G. G. Cox.....	Sam. J. Wright.....
Wisconsin.....	Oshkosh.....	September 8-12.....	Chester Hazen.....	A. C. Austin.....
Wisconsin.....	Racine.....	September 1-5.....	J. I. Case.....	R. D. Torrey.....



# CLASS C.---Sheep.

## LOT 23 SWEEPSTAKES.

(Open to all).

Best Wether 2 and under 3 years:

Coleman, Post & Reed, proprietors Illinois Agricultural Works, Springfield, offer  
one Post's Capital City Cultivator, valued at ..... \$24 00

## LOT 26—PEN OF WETHERS.

Best 5 fat Wethers 2 and under 3 years:

Marshall Field & Co. Chicago, cash prize ..... \$125 00

# CLASS D.---Swine.

## LOT 37—SWEEPSTAKES.

(Open to all.)

Best Barrow 12 and under 18 months:

*Farmer's Review*, Chicago, Silver Cup, value ..... 25 00

Best Barrow under 1 year:

Rice, Whitacre & Co., Chicago, a No. 2 Triumph Feed Steamer, valued at ..... 60 00

## LOT 40—PEN BARROWS.

Best 5 Fat Barrows 12 and under 18 months:

Marshall Field & Co., Chicago, cash prize ..... 125 00

Best 5 Fat Barrows under 1 year:

Coleman, Post & Reed, proprietors Illinois Agricultural Works, Springfield, offer  
one of Post's tongueless Cultivators, valued at ..... 22 00

# ILLINOIS SWINE BREEDERS' ASSOCIATION.

Will meet at the Secretary's office on the Fair Grounds on Tuesday and Wednesday of Fair Week at seven o'clock, p. m.

Essays and subjects of interest to swine breeders will be discussed, and such business transacted as may properly come before the Association. Also the election of officers for the ensuing two years.

CHAS. F. MILLS, PRESIDENT, Springfield, Ill.

JAMES W. BOSTON, SECRETARY, Jacksonville, Ill.

## ILLINOIS WOOL GROWERS' ASSOCIATION

Will meet on the Fair Grounds, Wednesday and Thursday of Fair Week, at seven o'clock, p. m.

Essays and discussions of interest may be expected. The interest having steadily increased in this Association for several years past it is expected that this year many more Illinois wool growers will be brought together.

A. M. GARLAND, PRESIDENT, Springfield, Ill.

V. P. RICHMOND, SECRETARY, Moro, Ill.

### ELEVENTH ANNUAL MEETING

## ILLINOIS DAIRYMENS' ASSOCIATION,

WILL BE HELD AT

CHAMPAIGN, ILLINOIS,

DECEMBER 17, 18 and 19, 1884.

JOSEPH TEFFT, PRESIDENT, Elgin, Ill.

R. P. McGLINCY, SECRETARY, Elgin, Ill.

## THE ILLINOIS STATE HORTICULTURAL SOCIETY

Will hold its annual meeting at Champaign, December 9, 10 and 11, 1884.

The Society will hold a Fruit Exhibit in connection with the meeting, \$3,000 in premiums being offered.

J. M. PEARSON, PRESIDENT, Godfrey.

A. C. HAMMOND, SECRETARY, Warsaw.

H. M. DUNLAP, ASSISTANT SECRETARY, Savoy.

# FAIRS IN ILLINOIS IN 1884.

COUNTIES.	PLACE OF FAIR.	TIME OF FAIR.	PRESIDENT.	SECRETARY.
Adams.....	Camp Point...	September 1-5.....	E. A. Rogers.....	Fred. Boger.....
Adams.....	Quincy.....	August 18-21.....	E. M. Miller.....	T. D. Woodruff.....
Alexander.....				
Bond.....				
Boone.....	Belvidere.....	September 2-5.....	George Reed.....	A. E. Jenner.....
Brown.....	Mt. Sterling.....	August 26-29.....	C. M. Dunlap.....	J. J. McDannold.....
Bureau.....	Princeton.....	September 16-19.....	Jno. Crossman.....	M. C. Clark.....
Calhoun.....				
Carroll.....	Mt. Carroll.....	September 2-5.....	E. Bailey.....	J. L. Reynolds.....
Cass.....	Virginia.....	August 19-22.....	R. W. Babourn.....	E. Lancaster.....
Champaign.....	Champaign.....	August 26-29.....	H. H. Harris.....	H. J. Dunlap.....
Christian.....				
Clark.....				
Clay.....	Flora.....	September 30.....	Sylvester Rider.....	J. H. Smith.....
Clinton.....				
Coles.....	Charleston.....	September 9-13.....	William Millar.....	W. E. Hampton.....
Cook.....				
Crawford.....	Robinson.....	Sept. 30 to Oct. 3.....	J. S. Kirk.....	Wm. Swaren.....
Cumberland.....	Toledo.....	September 17-20.....	C. G. Jones.....	W. L. Bruster.....
DeKalb.....	Sycamore.....	September 16-19.....	Hiram Holcomb.....	B. F. Wyman.....
DeWitt.....	Clinton.....	August 19-22.....	Z. D. Cantrall.....	W. B. Rundle.....
DeWitt.....	Farmer City.....	September 2-5.....	V. S. Lindsey.....	W. W. Alder.....
Douglas.....	Tuscola.....	September 2-5.....	Isaac Cosler.....	Patrick C. Sloan.....
DuPage.....	Wheaton.....	September 3-5.....	O. J. Wright.....	George W. Brown.....
Edgar.....	Paris.....	September 2-6.....	W. O. Wilson.....	H. B. Adams.....
Edwards.....	Albion.....	September 23-26.....	Jno. Curtis.....	M. Emmerson.....
Effingham.....	Effingham.....	Sept. 30 to Oct. 3.....	Wm. Donaldson.....	Owen Scott.....
Fayette.....	Vandalia.....	September 24-27.....	O. E. Lovett.....	Chas. L. Dinges.....
Ford.....	Piper City.....	October 1-3.....	James Arnold.....	Henry Allnutt.....
Franklin.....	Benton.....	October 21-24.....	Wm. R. Webb.....	W. F. Spiller.....
Fulton.....	Canton.....			
Fulton.....	Avon.....	September 23-26.....	D. H. Gorham.....	S. L. Tompkins.....
Gallatin.....	Shawneetown.....	August 26-29.....	M. M. Pool.....	Jno. L. Robinson.....
Greene.....	Carrollton.....	Sept. 30 to Oct. 3.....	E. V. Baldwin.....	N. J. Andrews.....
Grundy.....				
Hamilton.....	McLeansboro.....	September 16-20.....	John H. Wilson.....	T. B. Stetle.....
Hancock.....	Carthage.....	September 8-12.....	E. W. Bennett.....	O. F. Berry.....
Hancock.....	Warsaw.....	August 26-29.....	Isaac Bliss.....	Jas. T. Johnson.....
Hardin.....	Elizabethtown.....	September 24-27.....	J. B. Miller, Sr.....	L. F. Twitchell.....
Henderson.....	Briggsville.....	September 9-12.....	Thos. G. Richey.....	R. A. McKinley.....
Henry.....	Cambridge.....	September 1-5.....	N. C. Gilbert.....	R. H. Hinman.....
Iroquois.....	Watseka.....	Septemb. 9-12.....	Wm. M. Coney.....	Geo. J. Sherrin.....
Jackson.....	Murphysboro.....	Sept. 30 to Oct. 3.....	J. B. Mayham.....	Geo. Kennedy, Jr.....
Jackson.....	Carbondale.....	October 14-17.....	J. M. Scurlock.....	S. T. Brush.....
Jasper.....	Newton.....	September 16-19.....	Jno. Mason.....	W. E. Barrett.....
Jefferson.....	Mt. Vernon.....	October 14-17.....	John Wilbanks.....	John S. Bogan.....
Jersey.....	Jerseyville.....	October 14-17.....	David E. Beaty.....	Morris R. Locke.....
Jo Daviess.....	Galena.....	Sept. 30 to Oct. 3.....	G. S. Avery.....	Frank Bostwick.....
Jo Daviess.....	Warren.....	September 16-19.....	R. Hawley.....	Joseph Hicks.....
Johnson.....				
Kane.....				
Kankakee.....	Kankakee.....	September 2-5.....	Peleg Winslow.....	M. Enyart.....
Kendall.....	Yorkville.....	September 2-5.....	N. Loucks.....	Chas. F. Hobbs.....
Knox.....	Knoxville.....	September 1-5.....	D. M. Eiken.....	O. L. Campbell.....
Lake.....	Waukegan.....	Sept. 29 to Oct. 24.....	O. S. Lincoln.....	H. E. Partridge.....
Lake.....	Libertyville.....	September 17-20.....	E. W. Parkhurst.....	Wm. L. Biggs.....
LaSalle.....	Mendota.....	September 1-6.....	Wm. Truman.....	Chas. T. Madden.....
Lawrence.....				
Lee.....				
Livingston.....	Fairbury.....	September 15-19.....	R. C. Straight.....	T. S. O. McDowell.....
Logan.....	Lincoln.....	August 25-29.....	A. B. Nicholson.....	T. H. Stokes.....
Logan.....	Atlanta.....	September 2-5.....	Ed. Stubblefield.....	J. P. Hieronymus.....
Macon.....	Decatur.....			
Macoupin.....	Carlinville.....	Sept. 30 to Oct. 3.....	Joseph Bird.....	Geo. J. Castle.....
Madison.....				



COUNTIES.	PLACE OF FAIR.	TIME OF FAIR.	PRESIDENT.	SECRETARY.
Marion.....	Salem.....	October 28-31.	A. Coffin.....	L. O. Vogt.....
Marion.....	Centralia.....	October 20-25.	Robert E. Tate.....	S. A. Frazier.....
Marshall.....	Wenona.....	Sept. 29 to Oct. 3.	S. S. Burgess.....	Geo. G. McAdam.....
Mason.....	Havana.....	Sept. 30 to Oct. 3.	J. F. Kelsey.....	S. A. Murdock.....
Massac.....	Metropolis.....	October 8-11.	J. C. Willis.....	T. S. Stone.....
McDonough.....	Macomb.....	August 26-29.	C. W. Dines.....	W. H. Hainline.....
McDonough.....	Bushnell.....	Sept. 29 to Oct. 3.	J. E. Chandler.....	J. E. Chandler.....
McHenry.....	Woodstock.....	September 2-5.	T. McD. Rich'ds.....	A. S. Wright.....
McHenry.....	Marengo.....	September 16-19.	L. W. Sheldon.....	P. M. Patrick.....
McLean.....	Bloomington.....	September 8-12.	O. L. Cheney.....	W. A. Jones.....
Menard.....	.....	.....	.....	.....
Mercer.....	.....	.....	.....	.....
Monroe.....	.....	.....	.....	.....
Montgomery.....	Hillsboro.....	September 23-26.	J. M. Truitt.....	Wm. K. Jackson.....
Morgan.....	Jacksonville.....	August 25-29.	W. C. Carter.....	J. M. Dunlap.....
Moultrie.....	Sullivan.....	September 9-12.	Dock Patterson.....	S. M. Smyser.....
Ogle.....	Oregon.....	September 16-19.	Simon Sheaff.....	Wm. E. Ray.....
Ogle.....	Rochelle.....	September 23-26.	J. A. Countryman.....	Geo. W. Clark.....
Peoria.....	Peoria.....	September 15-20.	Jno. H. Hall.....	H. W. Wells.....
Perry.....	Pinckneyville.....	October 7-10.	Alex. P. Baird.....	E. H. Lemen.....
Piatt.....	Monticello.....	August 18-22.	Jesse W. Warner.....	C. A. Tatman.....
Pike.....	Pittsfield.....	September 23-26.	J. M. Bush, Sr.....	E. F. Binns.....
Pope.....	Golconda.....	October 1-4.	William King.....	P. V. Trovillion.....
Pulaski.....	.....	.....	.....	.....
Putnam.....	.....	.....	.....	.....
Randolph.....	Sparta.....	October 15-17.	J. H. Dickey.....	J. C. Bratney.....
Randolph.....	Chester.....	.....	.....	.....
Richland.....	Olney.....	September 9-12.	S. M. Thomson.....	W. F. Beck.....
Rock Island.....	Port Byron.....	September 9-12.	A. F. Hollister.....	A. Sadoris.....
Rock Island.....	Hillsdale.....	September 9-12.	.....	J. Blackman.....
Saline.....	Harrisburg.....	September 2-5.	W. E. Burnett.....	F. M. Pickett.....
Saline.....	El Dorado.....	September 23-27.	John Yost.....	Geo. B. Parsons.....
Sangamon.....	Springfield.....	September 1-6.	Geo. Pickrell.....	Jas. A. Winston.....
Schuyler.....	Rushville.....	August 19-22.	E. M. Anderson.....	Jno. S. Bagby.....
Scott.....	.....	.....	.....	.....
Shelby.....	Shelbyville.....	September 16-20.	Jno. A. Tackett.....	Geo. A. Roberts.....
Stark.....	Toulon.....	September 23-26.	Henry Colwell.....	Chas. Myers.....
Stark.....	Wyoming.....	September 2-5.	Rich'd Davidson.....	A. G. Hammond.....
St. Clair.....	Belleville.....	September 16-19.	Joseph Reichert.....	Don Turner.....
Stephenson.....	.....	.....	.....	.....
Tazewell.....	Deiavan.....	September 15-19.	Ira B. Hall.....	D. B. Pittsford.....
Tazewell.....	Mackinaw.....	September 9-12.	D. W. Puterbaugh.....	R. V. Howe.....
Union.....	Anna.....	August 26-29.	M. V. Ussery.....	E. R. Jinnette.....
Union.....	Jonesboro.....	September 16-19.	F. W. Green.....	J. H. Samson.....
Vermilion.....	Catlin.....	August 26-29.	G. W. Wolfe.....	S. A. McGregor.....
Vermilion.....	Hoopeston.....	August 25-29.	J. A. Cunningham.....	Dale Wallace.....
Vermilion.....	Danville.....	September 23-26.	DeW. J. Moore.....	W. M. Bandy.....
Wabash.....	.....	.....	.....	.....
Warren.....	Monmouth.....	September 2-5.	J. T. Reichard.....	Geo. C. Rankin.....
Washington.....	.....	.....	.....	.....
Wayne.....	.....	.....	.....	.....
White.....	Carmi.....	September 2-6.	Elois Stinnett.....	F. E. Pomeroy.....
Whiteside.....	Sterling.....	August 26-29.	Moses Dillon.....	H. A. Aument.....
Whiteside.....	Morrison.....	September 2-5.	R. E. Logan.....	Ed. J. Congar.....
Whiteside.....	Albany.....	August 27-29.	E. H. Nevitt.....	J. F. Happer.....
Will.....	.....	.....	.....	.....
Williamson.....	Marion.....	September 9-12.	A. T. Benson.....	Jno. W. Burton.....
Winnebago.....	Rockford.....	September 1-5.	L. McDonald.....	F. H. Kimball.....
Woodford.....	El Paso.....	September 22-27.	Ed. Hodgson.....	Walter Bennett.....

## OTHER FAIRS.

Canada.....	Hamilton.....	Sept. 30 to Oct. 3.	Robert Evans.....	Jonathan Davis.....
Canada.....	London.....	September 22-27.	E. R. Robinson.....	Geo. McBroom.....
Indiana.....	Greensburg.....	August 26-30.	Will Cumbach.....	Ed. Kessing.....
Indiana.....	Vincennes.....	October 13-18.	.....	Gerard Reiter.....
Indiana.....	New Harmony.....	September 9-13.	.....	F. D. Bolten.....
Iowa.....	Cedar Rapids.....	September 9-12.	.....	C. G. Greene.....
Iowa.....	Oskaloosa.....	August 25-29.	H. H. Prine.....	Porter Hedge.....
Wisconsin.....	Elk Horn.....	September 23-26.	Wm. Blakeley.....	W. H. Morrison.....
Wisconsin.....	Mineral Point.....	September 2-5.	G. G. Cox.....	Sam. J. Wright.....
Wisconsin.....	Oshkosh.....	September 8-12.	Chester Hazen.....	A. C. Austin.....
Wisconsin.....	Racine.....	September 1-5.	J. I. Case.....	R. D. Torrey.....

# RAILROAD ARRANGEMENTS

FOR THE

## AMERICAN FAT-STOCK SHOW

1884.

†Chicago & Northwestern.....  
 ‡Chicago, Rock Island & Pacific.....  
 †Illinois Central.....  
 \*Chicago & Alton.....  
 \*Chicago, St. Louis & Western.....  
 Chicago & Eastern Illinois.....  
 †Chicago, Milwaukee & St. Paul.....  
 †Cincinnati, Indianapolis, St. L. & Chicago.....  
 Louisville, New Albany & Chicago.....  
 Wabash, St. Louis and Pacific.....  
 §Chicago, Burlington & Quincy.....

Will carry stock from stations on its line to Chicago at regular tariff rates, and refund one-third of the amount paid on presentation of Secretary's certificate that the stock has been on exhibition.

Baltimore & Ohio.....  
 Chicago & Atlantic.....  
 Chicago & Grand Trunk.....  
 Chicago, St. Louis & Pittsburg.....  
 Lake Shore & Michigan Southern.....  
 Michigan Central.....  
 New York, Chicago and St. Louis.....  
 Pittsburg, Ft. Wayne & Chicago.....

Passengers, one and one-third fare for the round trip (distance limited to 100 miles.) Freight will be charged full local tariff rate to Chicago, and must be prepaid, when it will be returned free to points whence shipped, on certificate of the Secretary that the same has been on exhibition, and has not changed ownership. Freight arrangement covers a distance of 275 miles east of Chicago.

Paid freight bills, with Secretary's certificate, should be presented to the railroads when applying for a rebate of freight.

These concessions are made upon the condition that the roads are released from any and all liability exceeding \$50 per head, in case of injury by accident or otherwise while in transit, or while awaiting shipment or delivery at stations.

Stock over the Illinois Central Railroad will be delivered at the Exposition Building, and should be so billed.

Owners, or their agents, must accompany the stock, and be responsible for it, and its loading and unloading. All stock should be billed prepaid. The five dollars switching charges will be collected of the owner of the stock at the Exposition Building.

\*Arrangement covers points in Illinois only.

†Covers points in Illinois, Iowa, Wisconsin, Minnesota and Dakota.

‡Covers points in Illinois and Iowa.

§Covers points in Iowa only.

### TERMINAL CHARGES.

Stock from all other roads should be shipped to the Exposition Building, care Illinois Central Railroad, Union Stock Yards. The charge per car stock from the Stock Yards to the Exposition Building, and returning same, or empty car, to Stock Yards, will be five dollars.

# State and other Fairs, 1884.

- CANADA—Toronto—Agricul. and Indus. Exhibition, Sept. 10-20.  
H. J. HILL, Secretary.
- CANADA—Ottawa—Provincial Exhibition, Sept. 22-27.  
HENRY WADE, Secretary, Toronto.
- CANADA—Guelph—Fat-Stock Show, Dec. 3d week.  
HENRY WADE, Secretary, Toronto.
- ILLINOIS—Chicago—Sept. 8-13.  
S. D. FISHER, Secretary, Springfield.
- ILLINOIS—Chicago—Fat-Stock Show, Nov. 11-20.  
S. D. FISHER, Secretary, Springfield.
- ILLINOIS—Chicago—Industrial Exposition, Sept. 3 to Oct 18.  
JOHN P. REYNOLDS, Secretary.
- INDIANA—Indianapolis—Sept. 29 to Oct. 4.  
ALEX. HERON, Secretary.
- IOWA—Des Moines—Aug. 29, Sept. 5.  
JOHN R. SHAFFER, Secretary, Fairfield.
- KANSAS—Topeka—Sept. 8-13.  
GEO. Y. JOHNSON, Secretary.
- KENTUCKY—Lexington—Agricultural and Mechanical Association, Aug. 26-30.  
THOS. L. MARTIN, Secretary.
- LOUISIANA—New Orleans—World's Exposition and Cotton Centennial Exchange, Dec. 1, 1884, to May 31, 1885.  
E. A. BURKE, Director General.
- MICHIGAN—Detroit—Sept. 15 19.  
J. C. STERLING, Secretary, Monroe.
- MINNESOTA—Owatonna—Sept. 8-13.  
R. C. JUDSON, Secretary, Farmington.
- MISSOURI—St. Louis—Oct. 6-11.  
FESTUS J. WADE, Secretary.
- MONTANA—Helena—Agr'l., Mineral and Mech'l. Ass'n., Sept. 8-13.  
FRANCIS POPE, Secretary.
- NEBRASKA—Omaha—Sept. 5-12.  
ROBT. W. FURNAS, Secretary, Brownville.
- OHIO—Columbus—Sept. 1-5.  
W. I. CHAMBERLAIN, Secretary.
- OHIO—Toledo—Tri-State Fair Association, Sept. 8-13.  
CHAS. REED, Secretary.
- PENNSYLVANIA—Philadelphia—Sept. 8-20.  
D. W. SEILER, Recording Sec'y. Harrisburg.
- SOUTH CAROLINA—Pomaria—Nov. 11-14.  
THOMAS W. HOLLOWAY, Secretary.
- TEXAS—Austin—Capital State Fair Association, Oct. 7-11.  
E. C. BARTHOLOMEW, Secretary.
- WISCONSIN—Madison—Sept. 15-20.  
CLINTON BABBITT, Secretary.



# SEVENTH ANNUAL AMERICAN FAT-STOCK SHOW.

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*The Exhibition will be open to the public on Tuesday, November 11, at 9 o'clock A. M., and will continue, day and evening, until the following Thursday, November 20, at 10 P. M.*

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## GENERAL RULES AND REGULATIONS

FOR THE AMERICAN FAT-STOCK SHOW OF 1884.

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The exhibition of Horses and the admission of live stock for exhibition only or for sale, will be if at all only to the extent of the space at the disposition of the committee of arrangements, without limiting or incomoding the exhibition of Fat-Stock competing for prizes, and no engagement of space for such non-competing animals can be assured before November 1, 1884, after the close of the entries of competing animals.

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The Exposition Building will be open for the reception of Stock on Monday, November 10, and until Tuesday night, November 11, 1884.

### ENTRIES.

1. Must be made on or before November 1, 1884, by application to the Secretary, at Springfield, who will furnish blank applications on which to specify exhibiter's name and address, with age and description of the animal offered.
2. In all thoroughbred classes, authentic pedigrees must be furnished. Statements showing date of birth, the proportion of improved blood in each animal exhibited, in lots for grades or crosses, must be furnished at time of entry.
3. The following fees will be charged, and must accompany applications for entries: For each horse, steer, cow or heifer \$2; for each sheep or hog, \$1.
4. Each exhibiter must purchase an *Exhibiter's Ticket* (\$1.50), when applying for entries (a firm being regarded as one exhibiter). Only one member of the firm will be admitted to the Building on the ticket which entitles the firm to compete.
5. Every animal must be entered for competition in the name of the owner, only animals awarded first prizes in breed rings are eligible to compete in the sweepstakes rings and only animals awarded Sweepstakes prizes or animals not elsewhere shown are eligible to compete for the grand Sweepstakes prizes.
6. A card will be furnished the exhibiter, at the time of making entry, specifying the Class, the number of the Lot and the number of the entry, which card must remain attached to the animal during the exhibition, except in Classes C and D, where the cards must be attached to the pen.
7. Diligence will be used by the officers of the Board to prevent injury to or loss of property, but they will not be responsible for any damage or loss or injury to person that may occur.
8. In no case shall the gain per day be computed or reported, unless the exact age of the animal, shall be verified by the affidavit of the owner or of some creditable party, and all statements of facts required of exhibitors in making their entries, such as age, pedigree, etc., must be verified by affidavit.

## ANIMALS.

1. No animal can be removed until the close of the Exhibition, except for adequate cause, and then only on the written order of the President.
2. Stock must be in the stalls or pens in the Exposition Building, Chicago, as above required, in order that they may be weighed, numbered and catalogued, previous to the opening of the Show.
3. Cattle must be well halter-broken; and vicious animals will not be admitted to the Building.
4. The animals to be slaughtered will be placed in charge of the Superintendent of the Departments in which they are entered, Monday morning of the Show, in order that they may receive the same feed and care until the day of slaughter.
5. Butcher's stock only will be eligible to compete for premiums, and animals that are to be used hereafter for breeding purposes will be excluded from competition.
6. The Superintendent may exclude stock from competition, should there be any unnecessary delay on the part of exhibitors in bringing animals into the Show Ring.
7. The animals for slaughter will be killed, dressed and weighed under direction of a Committee. The premium in each ring will be awarded that animal whose dressed carcass is of the highest market value in proportion to live weight; the dressed carcass and offal to remain the property of the exhibitor and subject to owners' risk as to condition.
8. Animals will be examined, previous to the opening of the Show, by the Veterinary Surgeon.
9. Animals entered for competition in Class A.—Cattle, will be examined as to age by a committee consisting of an experienced and practical Veterinary Surgeon, and two practical and experienced feeders.
10. Animals affected by or having been exposed to any contagious disease during the thirty days next preceding the Fat-Stock Show of 1884, will be excluded from the Exposition Building.

## AWARDING COMMITTEES.

1. Each Awarding Committee will consist of three persons.
2. Awarding Committees will commence examination on Wednesday, November 12 at 9 o'clock A. M., and continue until awards are completed.
3. No person shall act as judge in any Lot in which he may be interested as an exhibitor, the agent or employee of an exhibitor, or otherwise.
4. No animal deemed unworthy shall be awarded a premium; but no premium shall be withheld merely because there is no competition.
5. In case of protest, notice must be given to the Superintendent of Department before the examination of the animal or article protested, and a written statement setting forth the reasons for protesting, verified by affidavit, must be filed with the Secretary on the day the notice is given. Provided, that protests will be entertained at any time thereafter previous to or during the first two days of the next winter meeting of the Board, if the protesting party shall state under oath that the facts upon which the protest is made were not in his possession at the time the animal or article was before the awarding committee.
6. In all cases where protests are made, if the Board shall be satisfied that they were instigated by improper or malicious motives, the Board will exclude the party protesting from exhibiting for two years or more thereafter. In case of protest based on fraud or other cause of ineligibility, the owner of the protested animal shall be required to verify the correctness of the entry by affidavit, which verified statement, together with all other obtainable evidence, shall be presented on the final consideration of the question at issue.
7. Any exhibitor who shall tear off a premium ribbon, or authorize another person to do so, in the presence of the Awarding Committee, or shall otherwise insult the Awarding Committee, shall forfeit the premium and be excluded from competition.
8. The judges will report only upon the animals entitled to premiums in the regular list, and authorized special or individual prizes which, in all cases, must be duplicate of regular premium as to the classification.
9. Judges, in making awards, will consider only animals in good condition for slaughter, and awards of premiums in the regular rings shall carry the corresponding special premiums offered thereon.

10. All awards shall be made by ballot, without consultation. Awarding Committees shall consist of three judges for each class, two of which if agreed shall be competent to make an award. In case of a tie vote the third committeeman shall decide which of the two animals or herds voted for shall receive the premium.

11. The judges are instructed to award premiums to such animals as present the greatest weight in the smallest superficies—taking into consideration age, the quality of flesh and its distribution in the most valuable portions of the carcass.

12. Awarding committees are instructed that if they have good reason to believe that any exhibitor, be false entry or otherwise, attempts to deceive the committee or the public, and obtain an award by misrepresentation, they shall report the fact at once to the Superintendent of the Department, who shall report the same to the Board, who may expel such exhibitor for fraud for at least two years.

13. Each award and notice of protest, (if any is made) must be written in a plain, careful manner by the Superintendent, on blank page opposite the entry.

14. The entry books must be returned by the Superintendent of each Department to the Secretary as soon as the awards in each are completed.

15. Great care must be exercised to preserve the Awarding Committees' books and the awards must be entered as above, in a plain, legible manner, in the proper place, as the premiums will be paid on authority of these entries *only*.

16. Superintendents will be particular to observe the following:

*Blue Ribbons* are designed for first premiums.

*Red Ribbons* for second premiums.

*White Ribbons* for third premiums.

17. Decisions of Awarding Committees shall be final and no appeal will be considered, except in case of protest.

18. Objections to a person serving as a member of an Awarding Committee must be submitted to the Superintendent in writing prior to making any award, and give good and sufficient reasons therefor. Superintendents receiving such objections, if deemed worthy of consideration, shall report the same to the President who, with the Superintendent, shall constitute a committee to fill the vacancy.

19. Any exhibitor attempting to interfere with judges during their adjudications, will be promptly excluded from competition.

#### AUDITING COMMITTEE.

1. *All bills against the State Board of Agriculture must be made in detail:* and all bills contracted during the show, or in immediate preparation therefor, must be certified by the Superintendent on whose order the service or material was furnished, and must be approved and signed by a majority of the Auditing Committee, before they can be paid by the Treasurer. It shall be the duty of the Auditing Committee to examine into the correctness of all bills presented for payment and the committee shall have full power of investigation and approval as to the quantity, quality and costs of articles purchased.

#### GENERAL SUPERINTENDENT.

1. The General Superintendent will have charge of the Building and Police and fire extinguishing appliances. He will have an efficient Police force on duty day and night, and will assign such number of policemen to the Superintendents of Departments as they may require.

2. Superintendent of Permits and Privileges will sell privileges for dining halls, stands, etc.

3. Superintendent of Gates and Tickets will have charge of the tickets, gates and ticket-takers.

#### SUPERINTENDENT OF STALLS AND FORAGE.

1. The Superintendent of Forage and Stalls will designate the hours of delivery of feed, forage and bedding for animals on exhibition, which can be obtained on application to him at reasonable rates. He will see that stalls and pens and floors are cleaned each day during the continuance of the Show before 8 o'clock A. M., and again between the hours of 5 and 7 P. M., and that the aisles are kept clean during the hours of exhibition.

#### ADMISSION FEES.

1. Exhibitor's tickets, good during the show, \$1.50. Tickets admitting one person once, 25 cents. Tickets admitting children under 12 years of age, 15 cents.



## SUPERINTENDENT PURCHASING DEPARTMENT.

1. Will make, on the requisition of Superintendents, any necessary purchases of material (except forage) in connection with the Fat-Stock Show.

## THE PRESS.

The Superintendent of this Department will provide editors and reporters with the necessary permits to the Building, and will assist them, so far as practicable, to such information regarding the Show as may be of interest to the public.

## CLASS A.—Cattle.

JOHN P. REYNOLDS, SUPERINTENDENT.

The Exposition Building will be open for the reception of stock on Monday, the 10th day of November, 1884. Cattle must be in their stalls in the Exposition Building, Chicago, not later than Monday, November 10, 1884, in order that they may be weighed, numbered and catalogued previous to the opening of the show. Stock must be well halter-broken, and vicious animals will not be admitted to the building, or if admitted, will be removed.

## SPECIAL RULES.

1. All animals entered for competition in this class will be examined by a committee appointed by the President, and consisting of one experienced, practical veterinary surgeon and two experienced feeders of cattle, and their apparent ages respectively reported by such committee to the Board, prior to the time fixed for the commencement of work by the Awarding Committee of this class; and all questions, discrepancies and protests, founded upon or arising out of allegations or facts relating to the ages of animals in this class, must and will be definitely settled by the final order of the Board previous to the time fixed for the commencement of work by the Awarding Committee.

2. Entries must be made on or before November 1, by application to the Secretary, at Springfield, who will furnish blank applications on which to specify exhibiter's name and address, with age and description of the animal offered.

3. The fee for each animal will be \$2.00, and must accompany the application for entry. Each exhibiter must purchase an exhibiter's ticket (\$1.50) when applying for entries, a firm being regarded as one exhibiter; only one member of the firm will be admitted to the building on the ticket which entitles the firm to compete.

4. Butcher's stock only will be eligible to compete for premiums, and animals that are to be used hereafter for breeding purposes will be excluded from competition.

5. All statements of facts required of exhibitors in making entries in regard to age, pedigree, etc. must be verified by affidavit. In all thoroughbred classes, recorded pedigrees or such as are eligible to record, must be furnished at time of entry. Statements showing date of birth, the proportion of improved blood in each animal exhibited in lots for grades or crosses, must be furnished at time of entry. Steers, Barren Cows and Spayed Heifers compete together.

6. Only animals awarded first prizes in Lots 1, 2, 3, 4, 5, 6 and 7 are entitled to compete in the sweepstakes ring (Lot 9), and only animals awarded sweepstakes prizes in Lot 9, or animals not elsewhere shown, are eligible to compete for the grand sweepstakes prize, Lot 10. Animals awarded sweepstakes prizes in Lot 9, and the grand sweepstakes prize in Lot 10, will be slaughtered in competition for the prizes in Lots 12 and 13. All other animals are eligible, at the option of their owners, to compete in the slaughter rings, provided that only one entry (excepting the sweepstakes and grand sweepstakes prize animals) can be made by the same exhibiter for each premium offered in Lot 12 for dressed carcasses.

7. Animals competing for premiums in Lot 14, Heaviest Fat Steer, will be kept off of feed and water twelve hours before making the award, by the Superintendent of the Department.

8. Cattle shown in Lot 11, Car-loads, to weigh at the Exposition Building as follows: Steers three and under four years, not less than 1,800 pounds each; steers two and under three years, not less than 1,500 pounds each; steers one and under two years, not less than 1,000 pounds each.

9. All awards shall be made by ballot, and without consultation. The awarding committees shall consist of three judges, two of which, if agreed, shall be competent to make an award. In case of a tie vote, the third committeeman shall decide which of the two animals or car-load lots voted for shall receive the premium.

10. The animals in this class which have the most meat value in proportion to live weight shall be awarded the premium.

11. Animals originally entered for competition in Lots 12 and 13—Carcaasses—will be placed in charge of the Superintendent of the Department on the opening day, and will thereafter be fed uniformly, under his direction. Animals not so entered, and which may, by rule (6) be eligible to compete for the prize in (Lot 10,) Grand Sweepstakes, will be placed under the same direction, and for the same purpose, immediately after the award determining such competition shall be made.

12. The animals for slaughter will be killed, dressed and weighed under the direction of a committee. The premium in each ring will be awarded that animal whose dressed carcass is of the highest market value in proportion to live weight. The dressed carcass and offal to remain the property of the exhibiter, and will be at owner's risk as to condition.

13. Premium animals only will be measured.

### Lot 1—Short Horns.

1 Best Steer, Barren or Spayed Cow 3 and under 4 years.....	\$30 00
Second best.....	20 00
Third best.....	10 00
2 Best Steer or Spayed Heifer 2 and under 3 years.....	30 00
Second best.....	20 00
Third best.....	10 00
3 Best Steer or Spayed Heifer 1 and under 2 years.....	30 00
Second best.....	20 00
Third best.....	10 00
4 Best Steer or Spayed Heifer under 1 year old.....	30 00
Second best.....	20 00
Third best.....	10 00

### Lot 2—Herefords.

5 Best Steer, Barren or Spayed Cow 3 and under 4 years.....	\$30 00
Second best.....	20 00
Third best.....	10 00
6 Best Steer or Spayed Heifer 2 and under 3 years.....	30 00
Second best.....	20 00
Third best.....	10 00
7 Best Steer or Spayed Heifer 1 and under 2 years.....	30 00
Second best.....	20 00
Third best.....	10 00
8 Best Steer or Spayed Heifer under 1 year old.....	30 00
Second best.....	20 00
Third best.....	10 00

### Lot 3—Devons.

9 Best Steer, Barren or Spayed Cow 3 and under 4 years.....	\$30 00
Second best.....	20 00
Third best.....	10 00

10 Best Steer or Spayed Heifer 2 and under 3 years.....	30 00
Second best.....	20 00
Third best.....	10 00
11 Best Steer or Spayed Heifer 1 and under 2 years.....	30 00
Second best.....	20 00
Third best.....	10 00
12 Best Steer or Spayed Heifer under 1 year old.....	30 00
Second best.....	20 00
Third best.....	10 00

### Lot 4—Aberdeen-Angus.

13 Best Steer, Barren or Spayed Cow 3 and under 4 years.....	\$30 00
Second best.....	20 00
Third best.....	10 00
14 Best Steer or Spayed Heifer 2 and under 3 years.....	30 00
Second best.....	20 00
Third best.....	10 00
15 Best Steer or Spayed Heifer 1 and under 2 years.....	30 00
Second best.....	20 00
Third best.....	10 00
16 Best Steer or Spayed Heifer under 1 year old.....	30 00
Second best.....	20 00
Third best.....	10 00

### Lot 5—Holstein or Friesian.

17 Best Steer, Barren or Spayed Cow 3 and under 4 years.....	\$30 00
Second best.....	20 00
Third best.....	10 00
18 Best Steer or Spayed Heifer 2 and under 3 years.....	30 00
Second best.....	20 00
Third best.....	10 00

19	Best Steer or Spayed Heifer 1 and under 2 years.....	30 00
	Second best.....	20 00
	Third best.....	10 00
20	Best Steer or Spayed Heifer under 1 year old.....	30 00
	Second best.....	20 00
	Third best.....	10 00

**Lot 6—Grades or Crosses.**

21	Best Steer, Barren or Spayed Cow 3 and under 4 years.....	\$30 00
	Second best.....	20 00
	Third best.....	10 00
22	Best Steer or Spayed Heifer 2 and under 3 years.....	30 00
	Second best.....	20 00
	Third best.....	10 00
23	Best Steer or Spayed Heifer 1 and under 2 years.....	30 00
	Second best.....	20 00
	Third best.....	10 00
24	Best Steer or Spayed Heifer under 1 year old.....	30 00
	Second best.....	20 00
	Third best.....	10 00

**Lot 7—Range Cattle.**

25	Best Steer, Barren or Spayed Cow 3 and under 4 years.....	\$30 00
	Second best.....	20 00
	Third best.....	10 00
26	Best Steer or Spayed Heifer 2 and under 3 years.....	30 00
	Second best.....	20 00
	Third best.....	10 00
27	Best Steer or Spayed Heifer 1 and under 2 years.....	30 00
	Second best.....	20 00
	Third best.....	10 00
28	Best Steer or Spayed Heifer under 1 year.....	30 00
	Second best.....	20 00
	Third best.....	10 00

**Lot 8—All Breeds and Grades  
by Ages.**

29	Best Steer Barren or Spayed Cow 3 and under 4 years.....	\$50 00
30	Best Steer or Spayed Heifer 2 and under 3 years.....	50 00
31	Best Steer or Spayed Heifer 1 and under 2 years.....	50 00
32	Best Steer or Spayed Heifer under 1 year old.....	50 00

**Lot 9—Sweepstakes.**

33	Best animal shown in Lot 1, Shorthorns.....	\$75 00
34	Best animal shown in Lot 2, Herefords.....	75 00
35	Best animal shown in Lot 3, Devons.....	75 00
36	Best animal shown in Lot 4, Aberdeen-Angus.....	75 00
37	Best animal shown in Lot 5, Holsteins or Friesian.....	75 00
38	Best animal shown in Lot 6, Grades or Crosses.....	75 00
39	Best animal shown in Lot 7, Range Cattle.....	75 00

**Lot 10—Grand Sweepstakes.**

40	Best Steer, Barren Cow or Spayed Heifer in the show.....	\$100 00
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**Lot 11—Pen of Cattle.**

41	Best 5 Steers, Barren or Spayed Cows 3 and under 4 years.....	\$150 00
	Second best.....	75 00
42	Best 5 Steers or Spayed Heifers 2 and under 3 years.....	150 00
	Second best.....	75 00
43	Best 5 Steers or Spayed Heifers 1 and under 2 years.....	150 00
	Second best.....	75 00
44	Best 5 Steers or Spayed Heifers under 1 year.....	150 00
	Second best.....	75 00

**Lot 12—Dressed Carcass.**

Not less than two entries in each ring will be considered—only one entry, (excepting sweepstakes and the grand sweepstakes animals,) can be made by the same exhibitor for each premium.

45	Best Carcass of Steer, Barren or Spayed Cow 3 and under 4 years.....	\$75 00
46	Best Carcass of Steer or Spayed Heifer 2 and under 3 years.....	75 00
47	Best Carcass of Steer or Spayed Heifer 1 and under 2 years.....	75 00
48	Best Carcass of Steer or Spayed Heifer under 1 year old.....	75 00

**Lot 13—Dressed Carcass—Sweep-  
stakes.**

49	Best Carcass of Steer, Barren Cow or Spayed Heifer of any age.....	\$100 00
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**Lot 14—Heaviest Fat Steer.**

Open to all ages.

50	First premium.....	\$75 00
	Second premium.....	50 00
	Third premium.....	25 00

**Lot 15—Gain Per Day.**

Steer, Barren Cow or Spayed Heifer showing the greatest average gain per day including weight at birth.

51	Best Steer, Barren or Spayed Cow 3 and under 4 years.....	\$50 00
	Second best.....	25 00
52	Best Steer or Spayed Heifer 2 and under 3 years.....	50 00
	Second best.....	25 00
53	Best Steer or Spayed Heifer 1 and under 2 years.....	50 00
	Second best.....	25 00
54	Best Steer or Spayed Heifer under 1 year old.....	50 00
	Second best.....	25 00

**Lot 16—Cost of Production.**

Entries to be made on prescribed form and verified by affidavit.

55	Best Steer, Barren or Spayed Cow 3 and under 4 years.....	\$65 00
	Second best.....	35 00
56	Best Steer or Spayed Heifer 2 and under 3 years old.....	65 00
	Second best.....	35 00
57	Best Steer or Spayed Heifer 1 and under 2 years old.....	65 00
	Second best.....	35 00
58	Best Steer or Spayed Heifer under 1 year old.....	65 00
	Second best.....	35 00



# COST OF PRODUCTION

## FORM OF APPLICATION FOR ENTRY.

Secretary State Board of Agriculture:

I hereby make application to enter the following described animal, in Lot 16—  
Cost of Production—and give items of cost and other particulars below:

Name....., P. O.....

### PEDIGREE.

Name.....  
Herd Book No..... Color, etc.....  
Date of Birth.....  
Bred by..... of.....  
Got by.....  
1 dam.....  
2 dam.....  
3 dam.....

Weight of animal at 12 months of age, lbs.  
Value of animal at 12 months of age, \$....  
What kinds and how much other food than milk and pasturage was given to the calf daily while sucking?.....  
At what age was the calf weaned?.....  
Was the calf allowed to run with dam until weaned?.....  
Is a daily allowance of grain for yearling steers, when on grass, profitable?.....

### COST OF PRODUCTION—FIRST YEAR.

Value of calf at birth.....\$....  
Quantity and value of milk consumed. No galls..... price per gall.....  
\*Quantity and value of grain, meal and feed of each kind other than hay, forage and pasturage consumed during the first twelve months, as follows:  
.....lbs. of.....@.....per 100 lbs.  
.....@.....  
.....@.....  
.....@.....  
†Quantity, kind and value of hay and other forage (except pasture) consumed first twelve months, as follows:  
.....lbs. of.....@.....per 100 lbs.  
.....@.....  
.....@.....  
.....@.....  
‡Value of grass consumed in pastures up to 12 months of age.....  
Expense for care, feeding, salting, etc., up to 12 months of age.....  
§Other expenses for food, etc., up to 12 months of age, not named above, as follows:  
.....  
Total cost of production up to twelve months of age.....

### COST OF PRODUCTION—SECOND YEAR.

#### ANIMAL ONE AND UNDER TWO YEARS OLD.

Weight of animal at 12 months of age, lbs.  
Value of animal at 12 months of age, \$....  
\*Quantity, kind and value of grain, meal and feed of each kind other than hay, forage and pasture consumed from 12 months of age to November 11, 1884, as follows:  
.....lbs. of.....@.....per 100 lbs.  
.....@.....  
.....@.....  
.....@.....  
\*Quantity, kind and value of grain, meal and feed of each kind other than hay, forage and pasture consumed from 12 months of age up to 24 months of age, as follows:  
.....lbs. of.....@.....per 100 lbs.  
.....@.....  
.....@.....  
.....@.....  
†Quantity, kind and value of hay and other forage, except pasture, consumed from 12 months of age up to November 11, 1884, as follows:  
‡Quantity, kind and value of hay and other forage, except pasture, consumed from 12 months of age up to 24 months of age, as follows:  
.....lbs. of.....@.....per 100 lbs.  
.....@.....  
.....@.....  
.....@.....

.....lbs. of.....@.....per 100 lbs.\$...  
 .....@.....  
 .....@.....  
 †Value of grass consumed in pasture  
 from 12 months of age to November  
 11, 1884.....  
 †Value of grass consumed in pasture  
 from 12 months of age to 24 months  
 of age.....  
 Expense for care, feeding, salting,  
 etc., from 12 months of age to No-  
 vember 11, 1884.....  
 Expense for care, feeding, salting,  
 etc., from 12 months of age to 24  
 months of age.....  
 †Other expenses for food, etc., not  
 named above, from 12 months of age  
 to November 11, 1884, as follows:  
 .....  
 .....  
 \$Other expenses for food, etc., not  
 named above, from 12 months of age  
 up to 24 months of age, as follows:  
 .....  
 .....  
 Total cost of production from 12 mos.  
 of age to Nov. 11, 1884.....  
 Total cost of production from 12 mos.  
 of age up to 24 months of age.....  
 Weight of animal Nov. 11, 1884.....lbs.  
 Weight of animal at 24 mos.....lbs.  
 Value of animal Nov. 11, 1884, \$6 per 100  
 Value of animal at 24 mos.....\$6 per 100

## REMARKS.

Was the animal stabled or sheltered dur-  
 ing the winter? .....  
 Was the animal allowed range of pasture  
 during the winter? .....  
 Daily allowance of grain? .....

## COST OF PRODUCTION—THIRD YEAR.

ANIMAL TWO AND UNDER THREE YEARS  
OF AGE.

Weight of animal at 24 months of age,  
 .....lbs.

Value of animal at 24 months of age..\$...  
 \*Quantity, kind and value of grain,  
 meal and feed of each kind other  
 than hay, forage and pasture, con-  
 sumed from 24 months of age to No-  
 vember 11, 1884, as follows:  
 .....lbs. of.....@.....per 100 lbs. ....  
 .....@.....  
 .....@.....  
 \*Quantity, kind and value of grain,  
 meal and feed of each kind other  
 than hay, forage and pasture, con-  
 sumed from 24 months of age up to  
 36 months of age;  
 .....lbs. of.....@.....per 100 lbs. ....  
 .....@.....  
 .....@.....  
 †Quantity, kind and value of hay and  
 other forage, except pasture, con-  
 sumed from 24 months of age up to  
 November 11, 1884, as follows:  
 .....lbs. of.....@.....per 100 lbs. ....  
 .....@.....  
 .....@.....

†Quantity, kind and value of hay and  
 other forage, except pasture, con-  
 sumed from 24 months of age up tr  
 36 months of age:  
 .....lbs. of.....@.....per 100 lbs. ....  
 .....@.....  
 .....@.....  
 †Value of grass consumed in pasture  
 from 24 months of age to November  
 11, 1884.....  
 †Value of grass consumed in pasture  
 from 24 months of age up to 36 mos.  
 of age.....  
 Expense for care, feeding, salting,  
 etc., from 24 months of age to No-  
 vember 11, 1884.....  
 Expense for care, feeding, salting,  
 etc., from 24 months of age up to 36  
 months of age.....  
 \$Other expenses not named above,  
 from 24 months of age to November  
 11, 1884, as follows:  
 .....  
 .....  
 \$Other expenses not named above,  
 from 24 months of age to 36 months  
 of age, as follows:  
 .....  
 .....  
 Total cost of production, from 24 mos.  
 of age to November 11, 1884.....  
 Total cost of production from 24 mos.  
 of age up to 36 months of age.....  
 Weight of animal Nov. 11, 1884.....  
 Weight of animal 36 mos. of age.....  
 Value of animal Nov. 11, 1884.....  
 Value of animal 36 mos. of age.....

## REMARKS.

Was the animal stabled or sheltered dur-  
 ing winter? .....  
 Was the animal allowed range of pasture  
 during winter? .....  
 Daily allowance of grain? .....

COST OF PRODUCTION FOR PART OF  
FOURTH YEAR.

## ANIMAL THREE AND UNDER FOUR YEARS.

Weight of animal at 36 mos. of age  
 .....lbs.  
 Value of animal at 36 mos. of age  
 at \$6 00 per 100 .....  
 \*Quantity, kind and value of grain,  
 meal and feed of each kind other  
 than hay, forage and pasture, con-  
 sumed from 36 months of age to No-  
 vember 11, 1884, as follows:  
 .....lbs. of.....@.....per 100 lbs. ....  
 .....@.....  
 .....@.....  
 \*Quantity and value of hay and other  
 forage (except pasture) consumed,  
 from 36 months of age to November  
 11, 1884.....  
 .....lbs. of.....@.....per 100 lbs. ....  
 .....@.....  
 .....@.....  
 \$Value of grass consumed in pasture,  
 from 36 months of age to November  
 11, 1884.....

Expense for care, feeding, salting,  
etc., from 36 months of age to No-  
vember 11, 1884.....  
\$Other expenses not named above,  
from 36 months of age to November  
11, 1884, as follows:.....  
Total cost of production from 36 mos.  
of age to November 11, 1884.....  
Weight of animal Nov. 11, 1884, lbs.....  
Value of animal Nov. 11, 1884.....\$.....

November 11, 1884, (steer 2 and under 3).....  
At 36 months of age.....  
November 11, 1884 (steer 3 and under 4).....  
Total.....\$.....

On this.....day of November, 1884, per-  
sonally appeared before me....., who  
being duly sworn, says that the above  
statement is true.

[SEAL].....N. P.

REMARKS.  
Was the animal stabled or sheltered dur-  
ing winter?.....  
Was the animal allowed range of pasture  
during winter?.....  
Daily allowance of grain?.....

\*State, separately, amount of corn, oats  
linseed or other meal, grain roots, etc.;  
whether ground, steamed, or otherwise  
specially prepared; price of each per 100  
pounds.

†State, separately, amount of timothy,  
clover, millet, prairie or other hay, and  
price of each per ton; also whether cut  
or otherwise specially prepared.

‡State kind of pasture—blue-grass, tim-  
othy, clover, or otherwise.

§Specify kind, amount and value of each  
of the several kinds of food.

### RECAPITULATION.

Cost of production—  
At 12 months of age.....  
November 11, 1884, (steer 1 and under 2).....  
At 24 months of age.....

Blanks for Cost of Production furnished on application.

## CLASS B.—Horses.

E. C. LEWIS, SUPERINTENDENT.

The Exposition Building will be open for the reception of Stock on Monday, the  
10th day of November, 1884:

The exhibition of horses and the admission of live stock for exhibition only or for  
sale, will be, if at all, only to the extent of the space at the disposition of the committee  
of arrangements, without limiting or incommoding the exhibition of Fat Stock com-  
peting for prizes, and no engagement of space for such non-competing animals can be  
assured before November 1, 1884, after the close of the entries of competing animals.

### ENTRIES.

1. Must be made on or before November 1, by application to the Secretary, at  
Springfield, who will furnish blank applications on, which to specify exhibitor's name  
and address, with description of animal offered.

2. In all the thoroughbred classes, authentic pedigrees must be furnished.

3. The following fee will be charged, and must accompany applications for entries;  
For each horse, \$2.00

4. Each exhibiter must purchase an exhibiter's ticket, (\$1.50.), when applying for  
entries, a firm being regarded as one exhibiter, only one member of the firm will be  
admitted to the building on the ticket.

### Lot 17—For Horses on Exhibition.

No premiums will be awarded to Horses, nor examination made by committee,  
but every facility will be afforded for exhibition.

No exhibiter will be permitted to show more than ten horses.



## CLASS C—Sheep.

D. W. VITTUM, JR., SUPERINTENDENT.

The Exposition Building will be open for the reception of stock on Monday, the 10th day of November, 1884. Sheep must be in their pens in the Exposition Building, Chicago, not later than Monday, November 10, 1884, in order that they may be weighed, numbered and catalogued previous to the opening of the show. Vicious animals will not be admitted to the building, or if admitted, will be removed.

2. Entries must be made on or before November 1, by application to the Secretary, at Springfield, who will furnish blank applications on which to specify exhibiter's name and address, with age and description of the animal offered.

3. The fee for each sheep will be \$1 00, and must accompany the application for entry. Each exhibiter must purchase an exhibiter's ticket (\$1.50) when applying for entries, a firm being regarded as one exhibitor; only one member of a firm will be admitted to the building on the ticket which entitles the firm to compete.

4. Butcher's stock only will be eligible to compete for premiums, and animals that are to be used hereafter for breeding purposes will be excluded from competition.

5. All statements of facts required of exhibiter's in making entries in regard to age, pedigree, etc., must be verified by affidavit. In all thoroughbred classes, recorded pedigrees or such as are eligible to record, must be furnished at time of entry. Statements showing date of birth, the proportion of improved blood in each animal exhibited in lots for grades or crosses, must be furnished at time of entry.

6. Only animals awarded first prizes in Lots 18, 19, 20, 21 and 22 are entitled to compete in the sweepstakes rings (Lot 23), and only animals awarded sweepstakes prizes in Lot 23, or animals not elsewhere shown, are eligible to compete for the grand sweepstakes prize, Lot 24. Animals awarded sweepstakes prizes in Lot 23 and the grand sweepstakes prize in Lot 24, will be slaughtered in competition for the prizes in Lot 27. All other animals are eligible, at the option of their owners, to compete in the slaughter rings, provided only one entry (excepting the sweepstakes and grand sweepstakes prize animals) can be made by the same exhibiter for each premium offered in Lot 27 for dressed carcasses.

7. Animals competing for premiums in Lot 25, Heaviest Fat Sheep, will be kept off of feed and water twelve hours before making the award, by the Superintendent of the Department.

8. All awards shall be made by ballot, and without consultation. The awarding committees shall consist of three judges, two of which, if agreed, shall be competent to make an award. In case of a tie vote, the third committeeman shall decide which of the two animals or ear-load lots voted for shall receive the premium.

9. The animals in this class which have the most meat in value in proportion to live weight shall be awarded the premium; also taking into consideration the value of the pelt.

10. Animals originally entered for competition in Lot 27—Carcasses—will be placed in charge of the Superintendent of the Department on the opening day, and will thereafter be fed uniformly, under his direction. Animals not so entered, and which may, by rule (6) be eligible to compete for the prize in (Lot 24.) Grand Sweepstakes, will be placed under the same direction, and for the same purpose, immediately after the award determining such competition shall be made.

11. The animals for slaughter will be killed, dressed and weighed under the direction of a committee. The premium in each ring will be awarded that animal whose dressed carcass is of the highest market value in proportion to live weight. The dressed carcass and offal to remain the property of the exhibitor, and will be at owner's risk as to condition.

13. Premium animals only will be measured.

### Lot 18—Southdowns.

59	Best wether 2 and under 3 years	\$25 00
	Second best	15 00
	Third best	10 00
60	Best wether 1 and under 2 years	25 00
	Second best	15 00
	Third best	10 00
61	Best wether under 1 year	25 00
	Second best	15 00
	Third best	10 00

### Lot 19—Other downs.

62	Best wether 2 and under 3 years	\$25 00
	Second best	15 00
	Third best	10 00
63	Best wether 1 and under 2 years	25 00
	Second best	15 00
	Third best	10 00
64	Best wether under 1 year	25 00
	Second best	15 00
	Third best	10 00

**Lot 20—Cotswolds.**

65	Best wether 2 and under 3 years.	\$25 00
	Second best.	15 00
	Third best.	10 00
66	Best wether 1 and under 2 years.	25 00
	Second best.	15 00
	Third best.	10 00
67	Best wether under 1 year.	25 00
	Second best.	15 00
	Third best.	10 00

**Lot 21—Leicester and Lincolns.**

68	Best wether 2 and under 3 years.	\$25 00
	Second best.	15 00
	Third best.	10 00
69	Best wether 1 and under 2 years.	25 00
	Second best.	15 00
	Third best.	10 00
70	Best wether under 1 year.	25 00
	Second best.	15 00
	Third best.	10 00

**Lot 22—Grades and Crosses.**

71	Best wether 2 and under 3 years.	\$25 00
	Second best.	15 00
	Third best.	10 00
72	Best wether 1 and under 2 years.	25 00
	Second best.	15 00
	Third best.	10 00
73	Best wether under 1 year.	25 00
	Second best.	15 00
	Third best.	10 00

**Lot 23—Sweepstakes.**

74	Best wether 2 and under 3 years.	\$50 00
75	Best wether 1 and under 2 years.	50 00
76	Best wether under 1 year.	50 00

**Lot 24—Grand Sweepstakes.**

77	Best wether in show.	50 00
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**Lot 25—Heaviest Fat Sheep.**

Open to all.

78	Wether, any age.	\$50 00
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**Lot 26—Pen Wethers.**

79	Best 5 fat wethers 2 and under 3	\$50 00
80	Best 5 fat wethers under 2 years.	50 00

**Lot 27—Dressed Carcass.**

Not less than two entries will be considered in each ring, and only one entry (excepting sweepstakes animals) can be made by the same exhibitor for each premium.

81	Best carcass wether 2 years or over.	\$50 00
82	Best carcass wether 1 and under 2 years.	25 00
83	Best carcass wether under 1 year.	25 00

**Lot 28—Gain Per Day.**

84	Wether showing greatest average per day including weight at birth. Entries to be accompanied by affidavit, giving exact age.	\$50 00
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**Lot 29—Cost of Production.**

Entries to be made on the prescribed form and verified by affidavit

85	Wether 2 and under 3 years of age produced at the least cost per pound live weight.	\$50 00
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**CLASS D.—Swine.**

DAVID GORE, SUPERINTENDENT.

1. The Exposition Building will be open for the reception of Stock on Monday, the 10th day of November, 1884. Hogs must be in their pens in the Exposition Building, Chicago, not later than Monday, November 10, 1884, in order that they may be weighed, numbered and catalogued previous to the opening of the show. Vicious animals will not be admitted to the building, or if admitted will be removed.

2. Entries must be made on or before November 1, by application to the Secretary, at Springfield, who will furnish blank applications on which to specify exhibitor's name and address, with age and description of the animal offered.

3. The fee for each Hog will be \$1.00, and must accompany the application for entry. Each exhibitor must purchase an exhibitor's ticket (\$1.50) when applying for entries, a firm being regarded as one exhibitor; only one member of the firm will be admitted to the building on the ticket which entitles the firm to compete.

4. Butcher's stock only will be eligible to compete for premiums, and animals that are to be used hereafter for breeding purposes will be excluded from competition.

5. All statements of facts required of exhibitors in making entries in regard to age, pedigree, etc., must be verified by affidavit. In all thoroughbred classes, recorded pedigrees or such as are eligible to record, must be furnished at time of the entry. Statements showing date of birth, the proportion of improved blood in each animal exhibited in lots for grades or crosses, must be furnished at time of entry.

6. Only animals awarded first prizes in Lots 30, 31, 32, 33, 34, 35 and 36 are entitled to compete in the sweepstakes rings (Lot 37), and only animals awarded sweepstakes prizes in (Lot 38), or animals not elsewhere shown are eligible to compete for the Grand Sweepstakes prize Lot 3. Animals awarded sweepstakes prizes in Lot 37, and the grand sweepstakes prize in Lot 38, will be slaughtered in competition for the prizes in Lot 41. All other animals are eligible, at the option of their owners, to compete in the slaughter rings, provided that only one entry (excepting the sweepstakes and grand sweepstakes prize animals) can be made by the same exhibitor for each premium offered in Lot 41 for dressed carcasses.

7. Animals competing for premiums in Lot 39, Heaviest Fat Hog, will be kept off of feed and water twelve hours before making the award, by the Superintendent of the Department.

8. All awards shall be made by ballot, and without consultation. The awarding committees shall consist of three judges, two of which, if agreed, shall be competent to make an award. In case of a tie vote, the third committeeman shall decide which of the two animals or car-load lots voted for shall receive the premium.

9. The animals in this class which have the most meat in value in proportion to live weight shall be awarded the premium.

10. Animals originally entered for competition in Lots 41—Carcasses—will be placed in charge of the Superintendent of the Department on the opening day, and will thereafter be fed uniformly, under his direction. Animals not so entered and which may, by rule (6) be eligible to compete for the prize in (Lot 38), Grand Sweepstakes, will be placed under the same direction, and for the same purpose, immediately after the award determining such competition shall be made.

11. The animals for slaughter will be killed, dressed and weighed under the direction of a committee. The premium in each ring will be awarded that animal whose dressed carcass is of the highest market value in proportion to live weight. The dressed carcass and offal to remain the property of the exhibitor, and will be at owner's risk as to condition.

12. Premium animals only will be measured.

#### Lot 30—Berkshires.

86	Best barrow 12 and under 18 months.....	\$25 00
	Second best.....	15 00
	Third best.....	10 00
87	Best barrow under 1 year.....	25 00
	Second best.....	15 00
	Third best.....	10 00

#### Lot 31—Poland China.

88	Best barrow 12 and under 18 months.....	\$25 00
	Second best.....	15 00
	Third second.....	10 00
89	Best barrow under 1 year.....	25 00
	Second best.....	15 00
	Third best.....	10 00

#### Lot 32—Chester White and Victoria.

90	Best barrow 12 and under 18 months.....	\$25 00
	Second best.....	15 00
	Third best.....	10 00
91	Best barrow under 1 year.....	25 00
	Second best.....	15 00
	Third best.....	10 00

#### Lot 33—Essex.

92	Best barrow 12 and under 18 months.....	\$25 00
	Second best.....	15 00
	Third best.....	10 00
93	Best barrow under 1 year.....	25 00
	Second best.....	15 00
	Third best.....	10 00

#### Lot 34—Duroc Jersey Red.

94	Best barrow 12 and under 18 months.....	\$25 00
	Second best.....	15 00
	Third best.....	10 00
95	Best barrow under 1 year.....	25 00
	Second best.....	15 00
	Third best.....	10 00

#### Lot 35—Yorkshire and Suffolk.

96	Best barrow 12 and under 18 months.....	\$25 00
	Second best.....	15 00
	Third best.....	10 00
97	Best barrow under 1 year.....	25 00
	Second best.....	15 00
	Third best.....	10 00

#### Lot 36—Grades and Crosses.

98	Best barrow 12 and under 18 months.....	\$25 00
	Second best.....	15 00
	Third best.....	10 00
99	Best barrow under 1 year.....	25 00
	Second best.....	15 00
	Third best.....	10 00

#### Lot 37—Sweepstakes.

100	Best barrow 12 and under 18 months.....	\$50 00
101	Best barrow under 1 year.....	50 00

#### Lot 38—Grand Sweepstakes.

102	Best barrow in the show .....	\$50 00
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**Lot 39—Heaviest Fat Hog.**

Open to all.

103 Heaviest barrow of any age.....\$50 00

**Lot 40—Pen Barrows.**

104 Best 5 fat barrows 12 and under  
18 months .....\$100 00  
105 Best 5 fat barrows under 1 year 100 00

**Lot 41—Dressed Carcass.**

Not less than two entries will be considered in each ring and only one entry, (excepting sweepstakes animals,) can be made by the same exhibiter for each premium.

106 Best carcass of barrow 12 and  
under 18 months.....\$25 00

107 Best carcass of barrow under 1  
year old ..... 25 00

**Lot 42—Gain Per Day.**

108 Barrow showing greatest average gain per day including weight at birth: entries to be accompanied by affidavit giving exact age.....\$50 00

**Lot 43—Cost of Production.**

Entries to be made on the prescribed form and verified by affidavit.

109 Barrow 12 and under 18 months  
produced at the least cost per  
pound, live weight.....\$50 00

## DONATIONS.

The following cash subscriptions have been made in Chicago to the General Premium Fund of the Fat-Stock Show for 1884:

Union Stock Yards and Transit Co., John B. Sherman, Manager .....	\$3,000
Grand Pacific Hotel, John B. Drake & Co., Proprietors.....	200
Sherman House, J. Irving Pierce, Proprietor .....	200
Palmer House, Palmer House Co., Proprietors.....	100
Leland Hotel, Warren F. Leland, Proprietor.....	25
Tremont House, John A. Rice & Co., Proprietors.....	25
Commercial Hotel, C. W. Dabb & Co., Proprietors.....	25
McCoy Hotel, William McCoy, Proprietor.....	15
Central House, 250 State street, W. E. Briggs, Proprietor.....	15
Crawford House, Adams and Wabash avenue, G. W. Babcock, Manager.....	15
Afton House, 73 and 75 Monroe street, C. A. Phillips, Proprietor.....	10
Windsor European Hotel, 145 Dearborn street, Samuel Gregsten, Proprietor.....	10
Brevoort House, 143 Madison street, Benjamin & Wentworth, Proprietors.....	10
Benton House, Clark street, near Madison, Benton Mauzy, Proprietor.....	10
Hotel Cortland, Downey & Hilb, Proprietors.....	10
E. H. Lehman.....	25
L. Adams & Co.....	25

# SPECIAL PREMIUMS.

## CLASS A—CATTLE.

### LOT 6—GRADES OR CROSSES.

Best Steer or Spayed Heifer over 1 and under 2 years :

First prize given by the <i>Prairie Farmer</i> , cash.....	\$25 00
Second prize, ten annual subscriptions, and a large map of the United States (mounted) with each subscription; the paper to be mailed postpaid to any address or addresses desired.....	20 00
Third prize, five annual subscriptions and map with each, as above.....	10 00

Best Steer or Spayed Heifer under 1 year :

<i>Farmers' Review</i> offers a cash prize of.....	30 00
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### LOT 8—ALL BREEDS AND GRADES, BY AGES.

Best Steer, Barren or Spayed Cow 3 and under 4 years:

Coleman, Post & Reed, Proprietors, Ill. Agr'l Works, Springfield, offer one Post's combined cultivator, valued at.....	\$30 00
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Best Steer or Spayed Heifer 2 and under 3 years :

Schuttler & Hotz, Chicago, offer one Stock-feeder's Dump Wagon, with single-trees, doubletree and neck-yoke, all complete—made after entirely new plans, and especially adapted for the above purposes, valued at.....	\$125 00
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Best Steer or Spayed Heifer 1 and under 2 years :

Furst and Bradley Manufacturing Co., Chicago, offers a Swing Beam Sulkey Plow, valued at.....	60 00
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### LOT 9—SWEEPSTAKES.

Best Animal shown in Lot 1—Shorthorns :

H. J. Whitecomb & Son, Chicago, offer one No. 8 White Sewing Machine, valued at.....	\$65 00
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Best Animal shown in Lot 2—Herefords :

H. C. Staver & Co., Chicago, offer one improved Buckeye Feed-Grinder, with Horse-power combined, valued at.....	75 00
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Best Animal shown in Lot 5—Holstein or Fresian :

C. D. Peacock, Chicago (Jeweler), offers a Water Pitcher and Tray, valued at....	25 00
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Best Animal shown in Lot 4—Aberdeen-Angus:

Boardman Bros., Shortsville, N. Y., offer one Champion Hay and Grain Unloader, valued at.....	35 00
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### LOT 11—PEN OF CATTLE.

Best five Steers, Barren or Spayed Cows, 3 and under 4 years:

Marshall Field & Co., Chicago, cash prize.....\$125 00

Best five Steers or Spayed Heifers 2 and under 3 years:

Marshall Field & Co., Chicago, cash prize.....125 00

### LOT 12—DRESSED CARCASS.

Best Carcass of Steer or Spayed Cow 3 and under 4 years.

Fairbanks, Morse & Co., Chicago, offer one 4-ton Scale with Double Beam and Weigh Box, valued at.....170 00

Best Carcass of Steer or Spayed Heifer 1 and under 2 years.

W. W. Kimball, Chicago, offers one Cabinet Organ, valued at.....150 00

## THE ILLINOIS SHORT-HORN BREEDERS' ASSOCIATION

Agree to duplicate all premiums offered by the State Board of Agriculture and awarded Illinois exhibitors of thoroughbred Shorthorn cattle, shown at the seventh annual American Fat Stock Show.

## THE IOWA SHORT-HORN BREEDERS' ASSOCIATION

Agree to duplicate all premiums offered by the Ill. State Board of Agriculture and won by Iowa Exhibitors of Shorthorns or Shorthorn grades, at the American Fat-Stock Show, Chicago, November, 1884.

## THE IOWA STATE AGRICULTURAL SOCIETY

Agree to duplicate all premiums offered by the Illinois State Board of Agriculture at the Seventh Annual American Fat Stock Show, and awarded to Iowa exhibitors.

## THE AMERICAN HEREFORD ASSOCIATION

Agree to duplicate all premiums offered by the Illinois State Board of Agriculture and awarded Herefords or grade Herefords at the Seventh Annual Fat Stock Show, to be held in Chicago November, 1884.

## THE HOLSTEIN BREEDERS' ASSOCIATION OF AMERICA

OFFER

### SPECIAL PREMIUMS

AS FOLLOWS, FOR

### PURE-BRED HOLSTEINS,

Exhibited at the Seventh American Fat Stock Show.

Best Steer, Barren or Spayed Cow 3 and under 4 years.....	\$30 00
Second best.....	20 00
Third best.....	10 00
Best Steer or Spayed Heifer 2 and under 3 years.....	30 00
Second best.....	20 00
Third best.....	10 00
Best Steer or Spayed Heifer 1 and under 2 years.....	30 00
Second best.....	20 00
Third best.....	10 00
Best Steer or Spayed Heifer under 1 year old.....	30 00
Second best.....	20 00
Third best.....	10 00
Best Holstein above ages.....	75 00

The Association offer two-thirds of the above premiums won by grade Holsteins having not less than 50 per cent of Holstein blood and showing the characteristics of the breed.



## HEREFORD AND GRADE HEREFORD CATTLE.

T. L. Miller Co., of Beecher, Illinois, offer the following special premiums for cattle exhibited at the American Fat Stock Show of 1884, to-wit:

Lot 2—Hereford—Best Steer or Spayed Heifer, 2 and under 3 years, \$30; second best, \$20. Best Steer or Spayed Heifer, 1 and under 2 years, \$30; second best, \$20. Best Steer or Spayed Heifer under 1 year, \$30; second best, \$20.

Lot 6—Grades or Crosses—If premiums are won by grade Herefords, as follows: Best Steer or Spayed Heifer, 2 and under 3 years, \$30; second best, \$20. Best Steer or Spayed Heifer, 1 and under 2 years, \$30; second best, \$20. Best Steer or Spayed Heifer under 1 year, \$30; second best, \$20.

Lot 12—Dressed Carcass—If premiums are won by a Hereford or grade Hereford, as follows: Best Carcass of Steer or Spayed Heifer, 2 and under 3 years, \$75. Best Carcass of Steer or Spayed Heifer, 1 and under 2 years, \$75.

Lot 13—Dressed Carcass—Sweepstakes—Best Carcass in the Show if won by a Hereford or grade Hereford, \$100.

## CLASS C.—Sheep.

### LOT 23 SWEEPSTAKES.

(Open to all.)

Best Wether 2 and under 3 years:

Coleman, Post & Reed, proprietors Illinois Agricultural Works, Springfield, offer one Post's Capital City Cultivator, valued at ..... \$24 00

### LOT 26—PEN OF WETHERS.

Best 5 fat Wethers 2 and under 3 years:

Marshall Field & Co. Chicago, cash prize.....\$125 00

## CLASS D.—Swine.

### LOT 37—SWEEPSTAKES.

(Open to all.)

Best Barrow 12 and under 18 months:

*Farmer's Review*, Chicago, Silver Cup, value..... 25 00

Best Barrow under 1 year:

Rice, Whitacre & Co., Chicago, a No. 2 Triumph Feed Steamer, valued at..... 60 00

### LOT 40—PEN BARROWS.

Best 5 Fat Barrows 12 and under 18 months:

Marshall Field & Co., Chicago, cash prize ..... 125 00

Best 5 Fat Barrows under 1 year:

Coleman, Post & Reed, proprietors Illinois Agricultural Works, Springfield, offer one of Post's tongueless Cultivators, valued at..... 22 00

## FAT-STOCK SHOWS.

Canada—Guelph, December, 3d week.

HENRY WADE, Sec'y, Toronto.

Missouri—Kansas City, October 30—November 6.

EDWARD HAREN, Kansas City

REPORT

OF THE

SEVENTH ANNUAL

AMERICAN FAT-STOCK SHOW,

HELD BY THE

Illinois State Board of Agriculture,

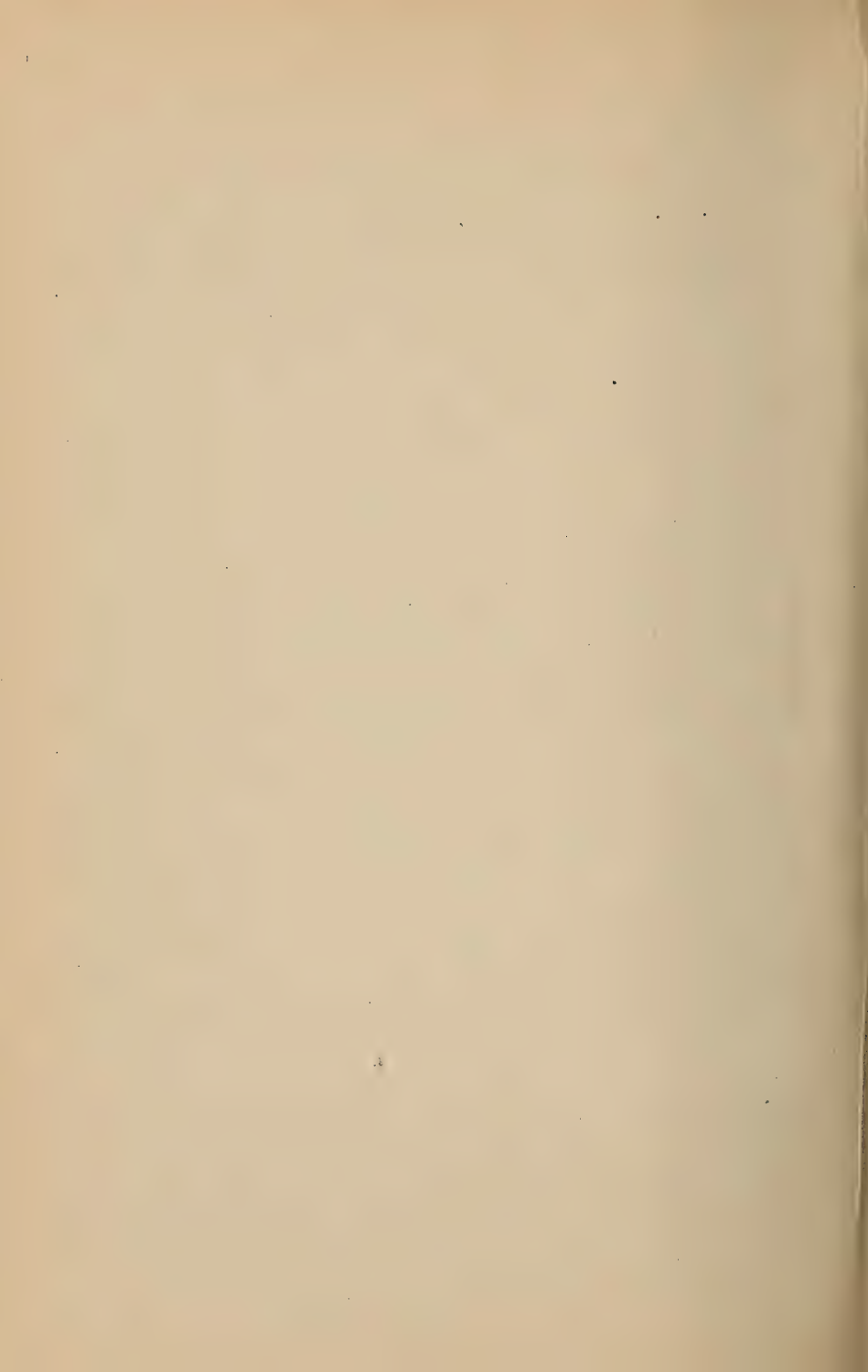
IN THE

*EXPOSITION BUILDING, CHICAGO,*

NOVEMBER 11-20, 1884.

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SPRINGFIELD, ILL.:  
H. W. ROKKER, STATE PRINTER AND BINDER.  
1884.





# ILLINOIS STATE BOARD OF AGRICULTURE,

## FOR 1883-84.

<i>President</i> .....	JOHN LANDRIGAN.....	Albion
<i>Ex-President</i> .....	J. R. SCOTT.....	Champaign
<i>Secretary</i> .....	S. D. FISHER.....	Springfield
<i>Treasurer</i> .....	JOHN W. BUNN.....	Springfield
<i>Chief Clerk</i> .....	CHARLES F. MILLS.....	Springfield

### VICE-PRESIDENTS.

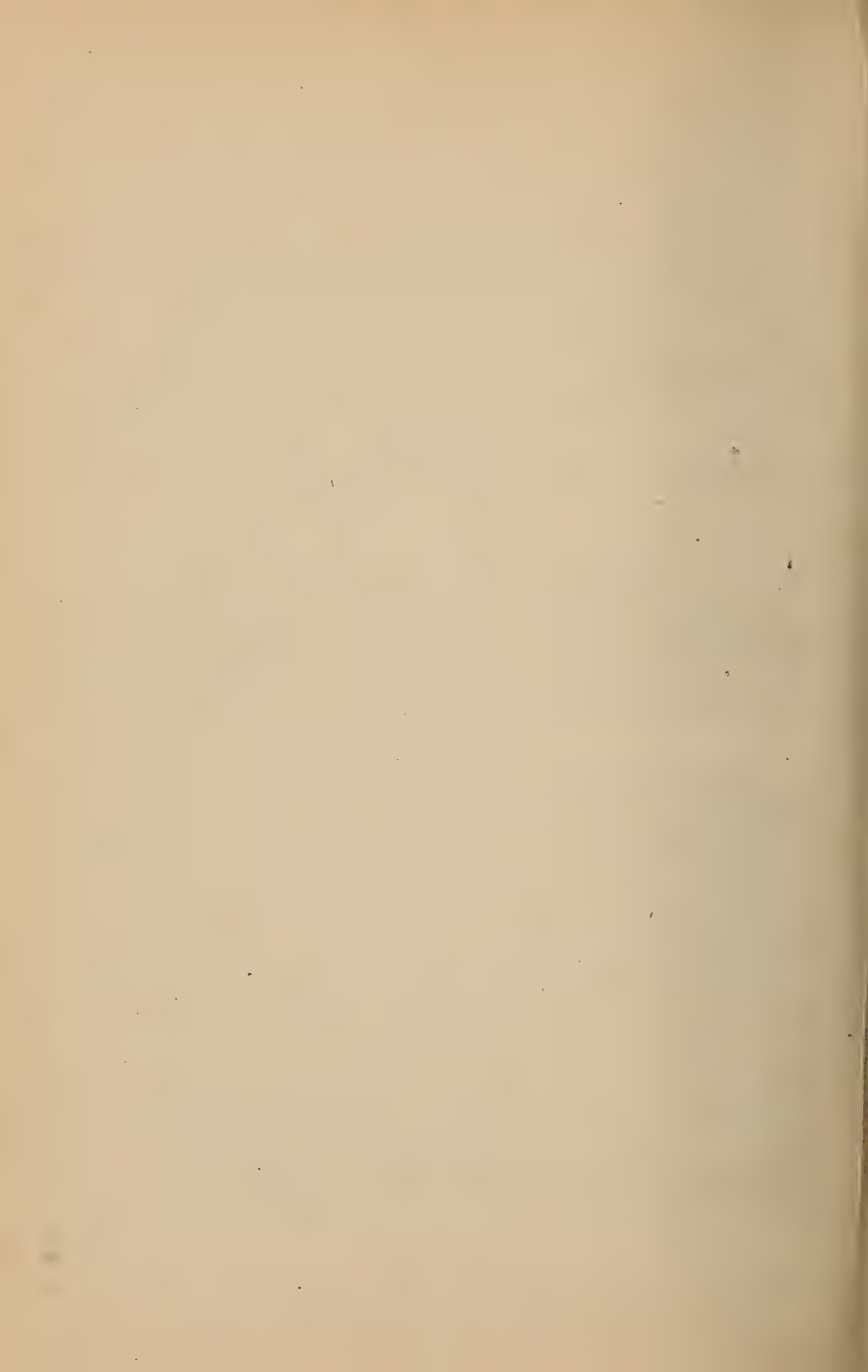
1st Dist.—	J. Irving Pearce.....	Chicago	11th Dist.—	E. B. David.....	Aledo
2d “	Peter Schuttler.....	Chicago	12th “	Allan C. Rush.....	Pittsfield
3d “	H. G. Savage.....	Chicago	13th “	J. W. Judy.....	Tallula
4th “	John P. Reynolds.....	Chicago	14th “	La Fayette Funk.....	Shirley
5th “	John Griffith.....	Batavia	15th “	E. E. Chester.....	Champaign
6th “	George S. Haskell.....	Rockford	16th “	Joseph Skeavington.....	Albion
7th “	Saml. Dysart.....	Franklin Grove	17th “	David Gore.....	Carlinville
8th “	E. C. Lewis.....	Ottawa	18th “	D. B. Gillham.....	Upper Alton
9th “	John Virgin.....	Fairbury	19th “	B. Pullen.....	Centralia
10th “	D. W. Vittum, Jr.....	Canton	20th “	J. M. Washburn.....	Cartersville

### SUPERINTENDENT OF DEPARTMENTS, ETC., FAT-STOCK SHOW.

Class A—Cattle .....	Mr. Reynolds
Class B—Horses.....	Mr. Lewis
Class C—Sheep.....	Mr. Vittum
Class D—Hogs.....	Mr. Gore
Class E—Poultry.....	Mr. Griffith
Class F—Mechanics.....	Messrs. Schuttler and Chester
Marshal of the Ring.....	Mr. Judy
Superintendent of Building.....	Mr. Gillham
Superintendent of Forage and Stalls.....	Mr. Virgin
Superintendent of Press Department.....	Mr. David
Superintendent of Gates and Tickets .....	Mr. Dysart

### COMMITTEES.

Auditors.....	Messrs. Funk, Pearce and David
Committee on Reception.....	Messrs. Landrigan, Scott, Gillham, Reynolds, Judy, Pearce, Washburn and Vittum
Committee of Arrangements, Fat-Stock Show....	Messrs. Landrigan, Gillham, Reynolds, Scott, Gore, Pullen, Dysart, Vittum, Funk, Virgin, Schuttler and Savage
Committee on Printing.....	Messrs. Savage, Dysart and Fisher
Committee on Finance.....	Messrs. Pearce, Pullen, Gore, Lewis and Chester
Committee on Transportation.....	Messrs. Landrigan, Vittum, Judy, Schuttler, Griffith and Fisher



# PREMIUM LIST

## AND

### GENERAL RULES AND REGULATIONS

FOR THE

SEVENTH ANNUAL AMERICAN FAT-STOCK SHOW.

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#### GENERAL RULES AND REGULATIONS.

The exhibition of Horses and the admission of live stock, for exhibition only, or for sale, will be, if at all, only to the extent of the space at the disposition of the Committee of Arrangements, without limiting or incommoding the exhibition of fat stock competing for prizes, and no engagement of space for such non-competing animals can be assured before November 1, 1884, after the close of the entries of competing animals.

The Exposition Building will be open for the reception of stock on Monday, November 10, and until Tuesday night, November 11, 1884.

#### ENTRIES.

1. Must be made on or before November 1, 1884, by application to the Secretary, at Springfield, who will furnish blank applications on which to specify exhibitor's name and address, with age and description of the animal offered.

2. In all thoroughbred classes, authentic pedigrees must be furnished. Statements showing date of birth, the proportion of improved blood in each animal exhibited, in lots for grades or crosses, must be furnished at time of entry.

3. The following fees will be charged, and must accompany applications for entries: For each horse, steer, cow or heifer, \$2; for each sheep or hog, \$1.

4. Each exhibitor must purchase an *Exhibitor's Ticket* (\$1.50), when applying for entries (a firm being regarded as one exhibitor). Only one member of the firm will be admitted to the building on the ticket which entitles the firm to compete.

5. Every animal must be entered for competition in the name of the owner; only animals awarded first prizes in breed rings are eligible to compete in the sweepstakes rings, and only animals awarded sweepstakes prizes, or animals not elsewhere shown, are eligible to compete for the grand sweepstakes prizes.

6. A card will be furnished the exhibitor, at the time of making entry, specifying the class, the number of the lot and the number of the entry, which card must remain attached to the animal during the exhibition, except in Classes C and D, where the cards must be attached to the pen.

7. Diligence will be used by the officers of the Board to prevent injury to or loss of property, but they will not be responsible for any damage or loss or injury to person that may occur.

8. In no case shall the gain per day be computed or reported, unless the exact age of the animal shall be verified by the affidavit of the owner or of some creditable party, and all statements of facts required of exhibitors in making their entries, such as age, pedigree, etc., must be verified by affidavit.

#### ANIMALS.

1. No animal can be removed until the close of the exhibition, except for adequate cause, and then only on the written order of the President.

2. Stock must be in the stalls or pens in the Exposition Building, Chicago, as above required, in order that they may be weighed, numbered and catalogued, previous to the opening of the show.



3. Cattle must be well halter-broken; and vicious animals will not be admitted to the building.

4. The animals to be slaughtered will be placed in charge of the Superintendent of the Departments in which they are entered, Monday morning of the Show, in order that they may receive the same feed and care until the day of slaughter.

5. Butcher's stock only will be eligible to compete for premiums, and animals that are to be used hereafter for breeding purposes will be excluded from competition.

6. The Superintendent may exclude stock from competition, should there be any unnecessary delay on the part of exhibitors in bringing animals into the Show Ring.

7. The animals for slaughter will be killed, dressed and weighed under direction of a committee. The premium in each ring will be awarded that animal whose dressed carcass is of the highest market value in proportion to live weight; the dressed carcass and offal to remain the property of the exhibitor and subject to owners' risk as to condition.

8. Animals will be examined, previous to the opening of the Show, by the Veterinary Surgeon.

9. Animals entered for competition in Class A.—Cattle, will be examined as to age by a committee consisting of an experienced and practical veterinary surgeon, and two practical and experienced feeders.

10. Animals effected by or having been exposed to any contagious disease during the thirty days next preceding the Fat-Stock Show of 1834, will be excluded from the Exposition Building.

### AWARDING COMMITTEES.

1. Each Awarding Committee will consist of three persons.

2. Awarding Committees will commence examination on Wednesday, November 12<sup>th</sup> at 9 o'clock A. M., and continue until awards are completed.

3. No person shall act as judge in any lot in which he may be interested as an exhibitor, the agent or employee of an exhibitor, or otherwise.

4. No animal deemed unworthy shall be awarded a premium; but no premium shall be withheld merely because there is no competition.

5. In case of protest, notice must be given to the Superintendent of Department before the examination of the animal or article protested, and a written statement setting forth the reasons for protesting, verified by affidavit, must be filed with the Secretary on the day the notice is given. Provided, that protests will be entertained at any time thereafter previous to or during the first two days of the next winter meeting of the Board, if the protesting party shall state under oath that the facts upon which the protest is made were not in his possession at the time the animal or article was before the awarding committee.

6. In all cases where protests are made, if the Board shall be satisfied that they were instigated by improper or malicious motives, the Board will exclude the party protesting from exhibiting for two years or more thereafter. In case of protest based on fraud or other cause of ineligibility, the owner of the protested animal shall be required to verify the correctness of the entry by affidavit, which verified statement, together with all other obtainable evidence, shall be presented on the final consideration of the question at issue.

7. Any exhibitor who shall tear off a premium ribbon, or authorize another person to do so, in the presence of the Awarding Committee, or shall otherwise insult the Awarding Committee, shall forfeit the premium and be excluded from competition.

8. The judges will report only upon the animals entitled to premiums in the regular list, and authorized special or individual prizes which, in all cases, must be duplicate of regular premium as to the classification.

9. Judges, in making awards, will consider only animals in good condition for slaughter, and awards of premiums in the regular rings shall carry the corresponding special premiums offered thereon.

10. All awards shall be made by ballot, without consultation. Awarding Committees shall consist of three judges for each class, two of which if agreed shall be competent to make an award. In case of a tie vote the third committeeman shall decide which of the two animals or herds voted for shall receive the premium.

11. The judges are instructed to award premiums to such animals as present the greatest weight in the smallest superficies—taking into consideration age, the quality of flesh and its distribution in the most valuable portions of the carcass.

12. Awarding committees are instructed that if they have good reason to believe that any exhibitor, by false entry or otherwise, attempts to deceive the committee or the public, and obtain an award by misrepresentation, they shall report the fact at once to the Superintendent of the Department, who shall report the same to the Board, who may expel such exhibitor for fraud for at least two years.

13. Each award and notice of protest, (if any is made), must be written in a plain, careful manner by the Superintendent, on blank page opposite the entry.

14. The entry books must be returned by the Superintendent of each Department to the Secretary as soon as the awards in each are completed.

15. Great care must be exercised to preserve the Awarding Committees' books, and the awards must be entered as above, in a plain, legible manner, in the proper place, as the premiums will be paid on authority of these entries *only*.

16. Superintendents will be particular to observe the following:

*Blue Ribbons* are designed for first premiums.

*Red Ribbons* for second premiums.

*White Ribbons* for third premiums.

17. Decisions of Awarding Committees shall be final and no appeal will be considered excepting in case of protest.

18. Objections to a person serving as a member of an Awarding Committee must be submitted to the Superintendent in writing prior to making any award, and give good and sufficient reasons therefor. Superintendents receiving such objections, if deemed worthy of consideration, shall report the same to the President who, with the Superintendent, shall constitute a committee to fill the vacancy.

19. Any exhibiter attempting to interfere with judges during their adjudications, will be promptly excluded from competition.

#### AUDITING COMMITTEE.

1. *All bills against the State Board of Agriculture must be made in detail*; and all bills contracted during the show, or in immediate preparation therefor, must be certified by the Superintendent on whose order the service or material was furnished, and must be approved and signed by a majority of the Auditing Committee, before they can be paid by the Treasurer. It shall be the duty of the Auditing Committee to examine into the correctness of all bills presented for payment, and the committee shall have full power of investigation and approval as to the quantity, quality and costs of articles purchased.

#### GENERAL SUPERINTENDENT.

1. The General Superintendent will have charge of the Building and Police and fire extinguishing appliances. He will have an efficient Police force on duty day and night, and will assign such number of policemen to the Superintendents of Departments as they may require.

2. Superintendents of Permits and Privileges will sell privileges for dining halls, stands, etc.

3. Superintendent of Gates and Tickets will have charge of the tickets, gates and ticket-takers.

#### SUPERINTENDENT OF FORAGE AND STALLS.

1. The Superintendent of Forage and Stalls will designate the hours of delivery of feed, forage and bedding for animals on exhibition, which can be obtained on application to him at reasonable rates. He will see that stalls and pens and floors are cleaned each day during the continuance of the Show before 8 o'clock A. M., and again between the hours of 5 and 7 P. M., and that the aisles are kept clean during the hours of exhibition.

#### ADMISSION FEES.

1. Exhibiter's tickets, good during the show, \$1.50. Tickets admitting one person once, 25 cents. Tickets admitting children under 12 years of age, 15 cents.

#### SUPERINTENDENT PURCHASING DEPARTMENT.

1. Will make, on the requisition of Superintendents, any necessary purchases of material (except forage) in connection with the Fat-Stock Show.

#### THE PRESS.

The Superintendent of this Department will provide editors and reporters with the necessary permits to the building, and will assist them, so far as practicable, to such information regarding the show as may be of interest to the public.

### CLASS A—CATTLE.

#### JOHN P. REYNOLDS, SUPERINTENDENT.

The Exposition Building will be open for the reception of stock on Monday, the 10th day of November, 1884. Cattle must be in their stalls in the Exposition Building, Chicago, not later than Monday, November 10, 1884, in order that they may be weighed, numbered and catalogued previous to the opening of the show. Stock must be well halter-broken, and vicious animals will not be admitted to the building, or, if admitted, will be removed.

## SPECIAL RULES.

1. All animals entered for competition in this class will be examined by a committee appointed by the President, and consisting of one experienced, practical veterinary surgeon and two experienced feeders of cattle, and their apparent ages respectively reported by such committee to the Board, prior to the time fixed for the commencement of work by the Awarding Committee of this class; and all questions, discrepancies and protests, founded upon or arising out of allegations or facts relating to the ages of animals in this class, must and will be definitely settled by the final order of the Board previous to the time fixed for the commencement of work by the Awarding Committee.

2. Entries must be made on or before November 1, by application to the Secretary, at Springfield, who will furnish blank applications on which to specify exhibitor's name and address, with age and description of the animal offered.

3. The fee for each animal will be \$2.00, and must accompany the application for entry. Each exhibitor must purchase an exhibitor's ticket (\$1.50) when applying for entries, a firm being regarded as one exhibitor; only one member of the firm will be admitted to the building on the ticket which entitles the firm to compete.

4. Butcher's stock only will be eligible to compete for premiums, and animals that are to be used hereafter for breeding purposes will be excluded from competition.

5. All statements of facts required of exhibitors in making entries in regard to age, pedigree, etc., must be verified by affidavit. In all thoroughbred classes, recorded pedigrees or such as are eligible to record, must be furnished at time of entry. Statements showing date of birth, the proportion of improved blood in each animal exhibited in lots for grades or crosses, must be furnished at time of entry. Steers, barren cows and spayed heifers compete together.

6. Only animals awarded first prizes in Lots 1, 2, 3, 4, 5, 6 and 7 are entitled to compete in the sweepstakes ring (Lot 9), and only animals awarded sweepstakes prizes in Lot 9, or animals not elsewhere shown, are eligible to compete for the grand sweepstakes prize, Lot 10. Animals awarded sweepstakes prizes in Lot 9, and the grand sweepstakes prize in Lot 10, will be slaughtered in competition for the prizes in Lots 12 and 13. All other animals are eligible, at the option of their owners, to compete in the slaughter rings, provided that only one entry (excepting the sweepstakes and grand sweepstakes prize animals) can be made by the same exhibitor for each premium offered in Lot 12 for dressed carcasses.

7. Animals competing for premiums in Lot 14, Heaviest Fat Steer, will be kept off of feed and water twelve hours before making the award, by the Superintendent of the Department.

8. Cattle shown in Lot 11, Car-loads, to weigh at the Exposition Building as follows: Steers three and under four years, not less than 1,800 pounds each; steers two and under three years, not less than 1,500 pounds each; steers one and under two years, not less than 1,000 pounds each.

9. All awards shall be made by ballot, and without consultation. The awarding committees shall consist of three judges, two of which, if agreed, shall be competent to make an award. In case of a tie vote, the third committeeman shall decide which of the two animals or car-load lots voted for shall receive the premium.

10. The animals in this class which have the most meat value in proportion to live weight, shall be awarded the premium.

11. Animals originally entered for competition in Lots 12 and 13—Carcasses—will be placed in charge of the Superintendent of the Department on the opening day, and will thereafter be fed uniformly, under his direction. Animals not so entered, and which may by rule 6 be eligible to compete for the prize in Lot 10, Grand Sweepstakes, will be placed under the same direction, and for the same purpose, immediately after the award determining such competition shall be made.

12. The animals for slaughter will be killed, dressed and weighed under the direction of a committee. The premium in each ring will be awarded that animal whose dressed carcass is of the highest market value in proportion to live weight. The dressed carcass and offal to remain the property of the exhibitor, and will be at owner's risk as to condition.

13. Premium animals only will be measured.

## Lot 1—Shorthorns.

1 Best Steer, Barren or Spayed Cow	
3 and under 4 years.....	\$30 00
Second best.....	20 00
Third best.....	10 00
2 Best Steer or Spayed Heifer 2 and	
under 3 years.....	30 00
Second best.....	20 00
Third best.....	10 00
3 Best Steer or Spayed Heifer 1 and	
under 2 years.....	30 00
Second best.....	20 00
Third best.....	10 00
4 Best Steer or Spayed Heifer under	
1 year old.....	30 00
Second best.....	20 00
Third best.....	10 00

## Lot 2—Herefords.

5 Best Steer, Barren or Spayed Cow	
3 and under 4 years.....	\$30 00
Second best.....	20 00
Third best.....	10 00
6 Best Steer or Spayed Heifer 2 and	
under 3 years.....	30 00
Second best.....	20 00
Third best.....	10 00
7 Best Steer or Spayed Heifer 1 and	
under 2 years.....	30 00
Second best.....	20 00
Third best.....	10 00
8 Best Steer or Spayed Heifer under	
1 year old.....	30 00
Second best.....	20 00
Third best.....	10 00



**Lot 3—Devons.**

9	Best Steer, Barren or Spayed Cow 3 and under 4 years.....	\$30 00
	Second best.....	20 00
	Third best.....	10 00
10	Best Steer or Spayed Heifer 2 and under 3 years.....	30 00
	Second best.....	20 00
	Third best.....	10 00
11	Best Steer or Spayed Heifer 1 and under 2 years.....	30 00
	Second best.....	20 00
	Third best.....	10 00
12	Best Steer or Spayed Heifer under 1 year old.....	30 00
	Second best.....	20 00
	Third best.....	10 00

**Lot 4—Aberdeen-Angus.**

13	Best Steer, Barren or Spayed Cow 3 and under 4 years.....	\$30 00
	Second best.....	20 00
	Third best.....	10 00
14	Best Steer or Spayed Heifer 2 and under 3 years.....	30 00
	Second best.....	20 00
	Third best.....	10 00
15	Best Steer or Spayed Heifer 1 and under 2 years.....	30 00
	Second best.....	20 00
	Third best.....	10 00
16	Best Steer or Spayed Heifer under 1 year old.....	30 00
	Second best.....	20 00
	Third best.....	10 00

**Lot 5—Holstein or Friesian.**

17	Best Steer, Barren or Spayed Cow 3 and under 4 years.....	\$30 00
	Second best.....	20 00
	Third best.....	10 00
18	Best Steer or Spayed Heifer 2 and under 3 years.....	30 00
	Second best.....	20 00
	Third best.....	10 00
19	Best Steer or Spayed Heifer 1 and and under 2 years.....	30 00
	Second best.....	20 00
	Third best.....	10 00
20	Best Steer or Spayed Heifer under 1 year old.....	30 00
	Second best.....	20 00
	Third best.....	10 00

**Lot 6—Grades or Crosses.**

21	Best Steer, Barren or Spayed Cow 3 and under 4 years.....	\$30 00
	Second best.....	20 00
	Third best.....	10 00
22	Best Steer or Spayed Heifer 2 and under 3 years.....	30 00
	Second best.....	20 00
	Third best.....	10 00
23	Best Steer or Spayed Heifer 1 and under 2 years.....	30 00
	Second best.....	20 00
	Third best.....	10 00
24	Best Steer or Spayed Heifer under 1 year old.....	30 00
	Second best.....	20 00
	Third best.....	10 00

**Lot 7—Range Cattle.**

25	Best Steer, Barren or Spayed Cow 3 and under 4 years.....	\$30 00
	Second best.....	20 00
	Third best.....	10 00
26	Best Steer or Spayed Heifer 2 and under 3 years.....	30 00
	Second best.....	20 00
	Third best.....	10 00
27	Best Steer or Spayed Heifer 1 and under 2 years.....	30 00
	Second best.....	20 00
	Third best.....	10 00

28	Best Steer or Spayed Heifer under 1 year old.....	\$30 00
	Second best.....	20 00
	Third best.....	10 00

**Lot 8—All Breeds and Grades by Ages.**

29	Best Steer, Barren or Spayed Cow 3 and under 4 years.....	\$50 00
30	Best Steer or Spayed Heifer 2 and under 3 years.....	50 00
31	Best Steer or Spayed Heifer 1 and under 2 years.....	50 00
32	Best Steer or Spayed Heifer under 1 year old.....	50 00

**Lot 9—Sweepstakes.**

33	Best animal shown in Lot 1, Short- horns.....	\$75 00
34	Best animal shown in Lot 2, Here- fords.....	75 00
35	Best animal shown in Lot 3, De- vons.....	75 00
36	Best animal shown in Lot 4, Aber- deen-Angus.....	75 00
37	Best animal shown in Lot 5, Hol- steins or Friesian.....	75 00
38	Best animal shown in Lot 6, Grades or Crosses.....	75 00
39	Best animal shown in Lot 7, Range Cattle.....	75 00

**Lot 10—Grand Sweepstakes.**

40	Best Steer, Barren Cow or Spayed Heifer in the show.....	\$100 00
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**Lot 11—Pen of Cattle.**

41	Best 5 Steers, Barren or Spayed Cows 3 and under 4 years.....	\$150 00
	Second best.....	75 00
42	Best 5 Steers or Spayed Heifers 2 and under 3 years.....	150 00
	Second best.....	75 00
43	Best 5 Steers or Spayed Heifers 1 and under 2 years.....	150 00
	Second best.....	75 00
44	Best 5 Steers or Spayed Heifers under 1 year old.....	150 00
	Second best.....	75 00

**Lot 12—Dressed Carcass.**

Not less than two entries in each ring will be considered—only one entry, (excepting sweepstakes and the grand sweepstakes animals,) can be made by the same exhibitor for each premium.

45	Best Carcass of Steer, Barren or Spayed Cow 3 and under 4 years.....	\$75 00
46	Best Carcass of Steer or Spayed Heifer 2 and under 3 years.....	75 00
47	Best Carcass of Steer or Spayed Heifer 1 and under 2 years.....	75 00
48	Best Carcass of Steer or Spayed Heifer under 1 year old.....	75 00

**Lot 13—Dressed Carcass—Sweepstakes**

49	Best Carcass of Steer, Barren Cow or Spayed Heifer of any age.....	\$100 00
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**Lot 14—Heaviest Fat Steer.**

Open to all ages.

50	First premium.....	\$75 00
	Second premium.....	50 00
	Third premium.....	25 00

**Lot 15—Gain Per Day.**

Steer, Barren Cow or Spayed Heifer showing the greatest average gain per day including weight at birth.

51	Best Steer, Barren or Spayed Cow	
	3 and under 4 years	\$50 00
	Second best	25 00
52	Best Steer or Spayed Heifer 2 and	
	under 3 years	50 00
	Second best	25 00
53	Best Steer or Spayed Heifer 1 and	
	under 2 years	50 00
	Second best	25 00
54	Best Steer or Spayed Heifer under	
	1 year old	50 00
	Second best	25 00

**Lot 16—Cost of Production.**

Entries to be made on prescribed form and verified by affidavit.

55	Best Steer, Barren or Spayed Cow	
	3 and under 4 years	\$65 00
	Second best	35 00
56	Best Steer or Spayed Heifer 2 and	
	under 3 years	65 00
	Second best	35 00
57	Best Steer or Spayed Heifer 1 and	
	under 2 years	65 00
	Second best	35 00
58	Best Steer or Spayed Heifer under	
	1 year old	65 00
	Second best	35 00

**COST OF PRODUCTION.***Form of Application for Entry.*

Secretary State Board of Agriculture :

I hereby make application to enter the following described animal, in Lot 16—Cost of Production—and give items of cost and other particulars below :

Name..... P. O. ....

**PEDIGREE.**

Name.....  
Herd Book No..... Color, etc.....  
Date of birth.....  
Bred by..... of.....  
Got by.....  
1 dam.....  
2 dam.....  
3 dam.....

**COST OF PRODUCTION—FIRST YEAR.**

Value of calf at birth.....\$...  
Quantity and value of milk consumed.  
No. galls.....price per gall.....  
\*Quantity and value of grain, meal and feed of each kind other than hay, forage and pasture, consumed during the first twelve months, as follows:  
.....lbs. of.....@.....per 100 lbs.  
.....@.....  
.....@.....  
.....@.....  
†Quantity, kind and value of hay and other forage (except pasture) consumed first twelve months, as follows:  
.....lbs. of.....@.....per 100 lbs.  
.....@.....  
.....@.....  
.....@.....  
†Value of grass consumed in pastures up to 12 months of age.....  
Expense for care, feeding, salting, etc., up to 12 months of age.....  
\$Other expenses for food, etc., up to 12 months of age, not named above as follows:  
.....  
Total cost of production up to 12 months of age.....  
Weight of animal at 12 months of age.....lbs.

Value of animal at 12 months of age, \$.....  
What kinds and how much other food than milk and pasture was given to the calf daily while sucking?  
At what age was the calf weaned?  
Was the calf allowed to run with dam until weaned?  
Is a daily allowance of grain for yearling steers, when on grass, profitable?

**COST OF PRODUCTION—SECOND YEAR.****ANIMAL ONE AND UNDER TWO YEARS.**

Weight of animal at 12 months of age.....lbs.  
Value of animal at 12 months of age.....\$...  
\*Quantity, kind and value of grain, meal and feed of each kind other than hay, forage and pasture, consumed from 12 months of age to November 11, 1884, as follows:  
.....lbs. of.....@.....per 100 lbs.  
.....@.....  
.....@.....  
.....@.....  
.....@.....  
\*Quantity, kind and value of grain, meal and feed of each kind other than hay, forage and pasture, consumed from 12 months of age up to 24 months of age, as follows:  
.....lbs. of.....@.....per 100 lbs.  
.....@.....  
.....@.....  
.....@.....  
†Quantity, kind and value of hay and other forage, except pasture, consumed from 12 months of age up to November 11, 1884, as follows:  
.....lbs. of.....@.....per 100 lbs.  
.....@.....  
.....@.....  
.....@.....  
†Quantity, kind and value of hay and other forage, except pasture, consumed from 12 months of age up to 24 months of age, as follows:  
.....lbs. of.....@.....per 100 lbs.  
.....@.....  
.....@.....  
.....@.....

Value of grass consumed in pasture from 12 months of age to November 11, 1884.....	\$.....
Value of grass consumed in pasture from 12 months of age to 24 months of age.....	.....
Expense for care, feeding, salting, etc., from 12 months of age to November 11, 1884.....	.....
Expense for care, feeding, salting, etc., from 12 months of age to 24 months of age.....	.....
Other expenses for food, etc., not named above, from 12 months of age to November 11, 1884, as follows:.....	.....
Other expenses for food, etc., not named above, from 12 months of age up to 24 months of age, as follows:.....	.....
Total cost of production from 12 mos. of age to Nov. 11, 1884.....	.....
Total cost of production from 12 mos. of age up to 24 months of age.....	.....
Weight of animal Nov. 11, 1884.....	lbs.
Weight of animal at 24 mos.....	lbs.
Value of animal Nov. 11, 1884.....	\$6 per 100
Value of animal at 24 mos.....	\$6 per 100

## REMARKS.

Was the animal stabled or sheltered during the winter?.....  
 Was the animal allowed range of pasture during the winter?.....  
 Daily allowance of grain?.....

## COST OF PRODUCTION—THIRD YEAR.

## ANIMAL TWO AND UNDER THREE YEARS OF AGE.

Weight of animal at 24 months of age.....  
 lbs.

Value of animal at 24 months of age.....	\$.....
Quantity, kind and value of grain, meal and feed of each kind other than hay, forage and pasture, consumed from 24 months of age to November 11, 1884, as follows:.....	.....
lbs. of.....@.....per 100 lbs.	.....
Quantity, kind and value of grain, meal and feed of each kind other than hay, forage and pasture, consumed from 24 months of age up to 36 mos. of age:.....	.....
lbs. of.....@.....per 100 lbs.	.....
Quantity, kind and value of hay and other forage, except pasture, consumed from 24 months of age up to November 11, 1884, as follows:.....	.....
lbs. of.....@.....per 100 lbs.	.....
Quantity, kind and value of hay and other forage, except pasture, consumed from 24 months of age up to 36 months of age:.....	.....
lbs. of.....@.....per 100 lbs.	.....
Value of grass consumed in pasture from 24 months of age to November 11, 1884.....	.....

Value of grass consumed in pasture from 24 months of age up to 36 mos. of age.....	\$.....
Expense for care, feeding, salting, etc., from 24 months of age to November 11, 1884.....	.....
Expense for care, feeding, salting, etc., from 24 months of age up to 36 months of age.....	.....
Other expenses not named above, from 24 months of age to November 11, 1884, as follows:.....	.....
Other expenses not named above, from 24 months of age to 36 months of age, as follows:.....	.....
Total cost of production from 24 mos. of age to November 11, 1884.....	.....
Total cost of production from 24 mos. of age up to 36 months of age.....	.....
Weight of animal Nov. 11, 1884.....	lbs.
Weight of animal 36 mos. of age.....	lbs.
Value of animal Nov. 11, 1884.....	\$6 per 100
Value of animal 36 mos. of age.....	\$6 per 100

## REMARKS.

Was the animal stabled or sheltered during winter?.....  
 Was the animal allowed range of pasture during winter?.....  
 Daily allowance of grain?.....

## COST OF PRODUCTION FOR PART OF FOURTH YEAR.

## ANIMAL THREE AND UNDER FOUR YEARS.

Weight of animal at 36 months of age, lbs.....	.....
Value of animal at 36 months of age, at \$6 per 100.....	\$.....
Quantity, kind and value of grain, meal and feed of each kind other than hay, forage and pasture, consumed from 36 months of age to November 11, 1884, as follows.....	.....
lbs. of.....@.....per 100 lbs.	.....
Quantity and value of hay and other forage, except pasture, consumed, from 36 months of age to November 11, 1884:.....	.....
lbs. of.....@.....per 100 lbs.	.....
Value of grass consumed in pasture, from 36 months of age to November 11, 1884.....	.....
Expense for care, feeding, salting, etc., from 36 months of age to November 11, 1884.....	.....
Other expenses not named above, from 36 months of age to November 11, 1884, as follows:.....	.....
Total cost of production from 36 mos. of age to Nov. 11, 1884.....	.....
Weight of animal Nov. 11, 1884, lbs.....	.....
Value of animal Nov. 11, 1884.....	\$6 per 100



## REMARKS.

Was the animal stabled or sheltered during winter ?  
 Was the animal allowed range of pasture during winter ?  
 Daily allowance of grain ?

## RECAPITULATION.

Cost of production—	
At 12 months of age.....	\$...
November 11, 1884, (steer 1 and under 2).....	.....
At 24 months of age.....	.....
November 11, 1884, (steer 2 and under 3).....	.....
At 36 months of age.....	.....
November 11, 1884, (steer 3 and under 4).....	.....
Total.....	\$...

On this.....day of November, 1884, personally appeared before me ..... who, being duly sworn, says that the above statement is true.

[SEAL] ..... N. P.

\*State, separately, amount of corn, oats, linseed or other meal, grain, roots, etc.; whether ground, steamed, or otherwise specially prepared; price of each per 100 pounds.

†State, separately, amount of timothy, clover, millet, prairie or other hay, and price of each per ton; also whether cut or otherwise specially prepared.

‡State kind of pasture—blue-grass, timothy, clover, or otherwise.

§Specify kind, amount and value of each of the several kinds of food.

Blanks for Cost of Production furnished on application.

## CLASS B—HORSES.

E. C. LEWIS, SUPERINTENDENT.

The Exposition Building will be open for the reception of stock on Monday, the 10th day of November, 1884.

The exhibition of horses and the admission of live stock for exhibition only, or for sale, will be, if at all, only to the extent of the space at the disposition of the Committee of Arrangements, without limiting or incommoding the exhibition of fat stock competing for prizes, and no engagement of space for such non-competing animals can be assured before November 1, 1884, after the close of the entries of competing animals.

## ENTRIES.

1. Must be made on or before November 1, by application to the Secretary, at Springfield, who will furnish blank applications on which to specify exhibiter's name and address, with description of animal offered.
2. In all the thoroughbred classes, authentic pedigrees must be furnished.
3. The following fee will be charged, and must accompany applications for entries: For each horse, \$2.00.
4. Each exhibiter must purchase an exhibiter's ticket (\$1.50), when applying for entries; a firm being regarded as one exhibiter. Only one member of the firm will be admitted to the building on the ticket.

## Lot 17—For Horses on Exhibition.

No premiums will be awarded to Horses, nor examination made by committee, but every facility will be afforded for exhibition.

No exhibiter will be permitted to show more than ten horses.

## CLASS C—SHEEP.

D. W. VITUM, JR., SUPERINTENDENT.

1. The Exposition Building will be open for the reception of stock on Monday, the 10th day of November, 1884. Sheep must be in their pens in the Exposition Building, Chicago, not later than Monday, November 10, 1884, in order that they may be weighed, numbered and catalogued previous to the opening of the show. Vicious animals will not be admitted to the building, or if admitted, will be removed.

2. Entries must be made on or before November 1, by application to the Secretary, at Springfield, who will furnish blank applications on which to specify exhibiter's name and address, with age and description of the animal offered.

3. The fee for each sheep will be \$1.00, and must accompany the application for entry. Each exhibitor must purchase an exhibiter's ticket (\$1 50) when applying for entries, a firm being regarded as one exhibitor. Only one member of a firm will be admitted to the building on the ticket which entitles the firm to compete.

4. Butcher's stock only will be eligible to compete for premiums, and animals that are to be used hereafter for breeding purposes will be excluded from competition.

5. All statements of facts required of exhibitors in making entries in regard to age, pedigree, etc., must be verified by affidavit. In all thoroughbred classes, recorded pedigrees or such as are eligible to record, must be furnished at time of entry. Statements showing date of birth, the proportion of improved blood in each animal exhibited in lots for grades or crosses, must be furnished at time of entry.

6. Only animals awarded first prizes in Lots 18, 19, 20, 21 and 22 are entitled to compete in the sweepstakes rings (Lot 23), and only animals awarded sweepstakes prizes in Lot 23, or animals not elsewhere shown, are eligible to compete for the grand sweepstakes prize, Lot 24. Animals awarded sweepstakes prizes in Lot 23 and the grand sweepstakes prize in Lot 24, will be slaughtered in competition for the prizes in Lot 27. All other animals are eligible, at the option of their owners, to compete in the slaughter rings, provided only one entry (excepting the sweepstakes and grand sweepstakes prize animals), can be made by the same exhibitor for each premium offered in Lot 27 for dressed carcasses.

7. Animals competing for premiums in Lot 25. Heaviest Fat Sheep, will be kept off of feed and water twelve hours before making the award, by the Superintendent of the Department.

8. All awards shall be made by ballot, and without consultation. The awarding committees shall consist of three judges two of which, if agreed, shall be competent to make an award. In case of a tie vote, the third committeeman shall decide which of the two animals or car-load lots voted for shall receive the premium.

9. The animals in this class which have the most meat in value in proportion to live weight shall be awarded the premium; also taking into consideration the value of the pelt.

10. Animals originally entered for competition in Lot 27—Carcasses—will be placed in charge of the Superintendent of the Department on the opening day, and will thereafter be fed uniformly, under his direction. Animals not so entered, and which may, by rule 6 be eligible to compete for the prize in Lot 24, Grand Sweepstakes, will be placed under the same direction, and for the same purpose, immediately after the award determining such competition shall be made.

11. The animals for slaughter will be killed, dressed and weighed under the direction of a committee. The premium in each ring will be awarded that animal whose dressed carcass is of the highest market value in proportion to live weight. The dressed carcass and offal to remain the property of the exhibitor, and will be at owner's risk as to condition.

12. Premium animals only will be measured.

### Lot 18—Southdowns.

59	Best Wether 2 and under 3 years.	\$25 00
	Second best.....	15 00
	Third best.....	10 00
60	Best Wether 1 and under 2 years.	25 00
	Second best.....	15 00
	Third best.....	10 00
61	Best Wether under 1 year.....	25 00
	Second best.....	15 00
	Third best.....	10 00

### Lot 19—Other downs.

62	Best Wether 2 and under 3 years.	\$25 00
	Second best.....	15 00
	Third best.....	10 00
63	Best Wether 1 and under 2 years.	25 00
	Second best.....	15 00
	Third best.....	10 00
61	Best Wether under 1 year.....	25 00
	Second best.....	15 00
	Third best.....	10 00

### Lot 20—Cotswolds.

65	Best Wether 2 and under 3 years.	\$25 00
	Second best.....	15 00
	Third best.....	10 00
66	Best Wether 1 and under 2 years.	25 00
	Second best.....	15 00
	Third best.....	10 00
67	Best Wether under 1 year.....	25 00
	Second best.....	15 00
	Third best.....	10 00

### Lot 21—Leicester and Lincolns.

68	Best Wether 2 and under 3 years.	\$25 00
	Second best.....	15 00
	Third best.....	10 00
69	Best Wether 1 and under 2 years.	25 00
	Second best.....	15 00
	Third best.....	10 00
70	Best Wether under 1 year.....	25 00
	Second best.....	15 00
	Third best.....	10 00

### Lot 22—Grades and Crosses.

71	Best Wether 2 and under 3 years.	\$25 00
	Second best.....	15 00
	Third best.....	10 00
72	Best Wether 1 and under 2 years.	25 00
	Second best.....	15 00
	Third best.....	10 00
73	Best Wether under 1 year.....	25 00
	Second best.....	15 00
	Third best.....	10 00

### Lot 23—Sweepstake.

74	Best Wether 2 and under 3 years.	\$50 00
75	Best Wether 1 and under 2 years.	50 00
76	Best Wether under 1 year.....	50 00

### Lot 24—Grand Sweepstakes.

77	Best Wether in show.....	\$50 00
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**Lot 25—Heaviest Fat Sheep.**

Open to all.

78 Wether, any age..... \$50 00

**Lot 26—Pen Wethers.**

79 Best 5 fat Wethers 2 and under 3.. \$50 00

80 Best 5 fat Wethers under 2 years.. 50 00

**Lot 27—Dressed Carcass.**

Not less than two entries will be considered in each ring, and only one entry (excepting sweepstakes animals) can be made by the same exhibitor for each premium.

81 Best carcass Wether 2 years or over..... \$50 00

82 Best carcass Wether 1 and under 2 years..... 25 00

83 Best carcass Wether under 1 year 25 00

**Lot 28—Gain Per Day.**

84 Wether showing greatest average gain per day, including weight at birth. Entries to be accompanied by affidavit, giving exact age..... \$50 00

**Lot 29—Cost of Production.**

Entries to be made on the prescribed form and verified by affidavit.

85 Wether 2 and under 3 years of age produced at the least cost per pound live weight..... \$50 00

**CLASS D—SWINE.**

DAVID GORE, SUPERINTENDENT.

1. The Exposition Building will be open for the reception of stock on Monday, the 10th day of November, 1884. Hogs must be in their pens in the Exposition Building, Chicago, not later than Monday, November 10, 1884, in order that they may be weighed, numbered and catalogued previous to the opening of the show. Vicious animals will not be admitted to the building, or, if admitted, will be removed.

2. Entries must be made on or before November 1, by application to the Secretary, at Springfield, who will furnish blank applications on which to specify exhibitor's name and address, with age and description of the animal offered.

3. The fee for each hog will be \$1.00, and must accompany the application for entry. Each exhibitor must purchase an exhibitor's ticket (\$1.50) when applying for entries; a firm being regarded as one exhibitor. Only one member of the firm will be admitted to the building on the ticket which entitles the firm to compete.

4. Butcher's stock only will be eligible to compete for premiums, and animals that are to be used hereafter for breeding purposes will be excluded from competition.

5. All statements of facts required of exhibitors in making entries in regard to age, pedigree, etc., must be verified by affidavit. In all thoroughbred classes, recorded pedigrees, or such as are eligible to record, must be furnished at time of the entry. Statements showing date of birth, the proportion of improved blood in each animal exhibited in lots for grades or crosses, must be furnished at time of entry.

6. Only animals awarded first prizes in Lots 30, 31, 32, 33, 34, 35 and 36 are entitled to compete in the sweepstakes rings (Lot 37), and only animals awarded sweepstakes prizes in (Lot 38), or animals not elsewhere shown, are eligible to compete for the Grand Sweepstakes prize, Lot 3. Animals awarded sweepstakes prizes in Lot 37, and the grand sweepstakes prize in Lot 38, will be slaughtered in competition for the prizes in Lot 41. All other animals are eligible, at the option of their owners, to compete in the slaughter rings, provided that only one entry (excepting the sweepstakes and grand sweepstakes prize animals) can be made by the same exhibitor for each premium offered in Lot 41 for dressed carcasses.

7. Animals competing for premiums in Lot 39. Heaviest Fat Hog, will be kept off of feed and water twelve hours before making the award, by the Superintendent of the Department.

8. All awards shall be made by ballot, and without consultation. The awarding committees shall consist of three judges, two of which, if agreed, shall be competent to make an award. In case of a tie vote, the third committeeman shall decide which of the two animals or car-load lots voted for shall receive the premium.

9. The animals in this class which have the most meat in value in proportion to live weight shall be awarded the premium.

10. Animals originally entered for competition in Lot 41—Carcasses—will be placed in charge of the Superintendent of the Department on the opening day, and will thereafter be fed uniformly, under his direction. Animals not so entered and which may, by rule 6 be eligible to compete for the prize in Lot 38, Grand Sweepstakes, will be placed under the same direction, and for the same purpose, immediately after the award determining such competition shall be made.

11. The animals for slaughter will be killed, dressed and weighed under the direction of a committee. The premium in each ring will be awarded that animal whose dressed carcass is of the highest market value in proportion to live weight. The dressed carcass and offal to remain the property of the exhibitor, and will be at owner's risk as to condition.

12. Premium animals only will be measured.



**Lot 30—Berkshires.**

86	Best Barrow 12 and under 18 months.....	\$25 00
	Second best.....	15 00
	Third best.....	10 00
87	Best Barrow under 1 year.....	25 00
	Second best.....	15 00
	Third best.....	10 00

**Lot 31—Poland China.**

88	Best Barrow 12 and under 18 months.....	\$25 00
	Second best.....	15 00
	Third best.....	10 00
89	Best Barrow under 1 year.....	25 00
	Second best.....	15 00
	Third best.....	10 00

**Lot 32—Chester White and Victoria.**

90	Best Barrow 12 and under 18 months.....	\$25 00
	Second best.....	15 00
	Third best.....	10 00
91	Best Barrow under 1 year.....	25 00
	Second best.....	15 00
	Third best.....	10 00

**Lot 33—Essex.**

92	Best Barrow 12 and under 18 months.....	\$25 00
	Second best.....	15 00
	Third best.....	10 00
93	Best Barrow under 1 year.....	25 00
	Second best.....	15 00
	Third best.....	10 00

**Lot 34—Duroc Jersey Red.**

94	Best Barrow 12 and under 18 months.....	\$25 00
	Second best.....	15 00
	Third best.....	10 00
95	Best Barrow under 1 year.....	25 00
	Second best.....	15 00
	Third best.....	10 00

**Lot 35—Yorkshire and Suffolk.**

96	Best Barrow 12 and under 18 months.....	\$25 00
	Second best.....	15 00
	Third best.....	10 00
97	Best Barrow under 1 year.....	25 00
	Second best.....	15 00
	Third best.....	10 00

**Lot 36—Grades and Crosses.**

98	Best Barrow 12 and under 18 months.....	\$25 00
	Second best.....	15 00
	Third best.....	10 00
99	Best Barrow under 1 year.....	25 00
	Second best.....	15 00
	Third best.....	10 00

**Lot 37—Sweepstakes.**

100	Best Barrow 12 and under 18 months.....	\$50 00
101	Best Barrow under 1 year.....	50 00

**Lot 38—Grand Sweepstakes.**

102	Best Barrow in the show.....	\$50 00
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**Lot 39—Heaviest Fat Hog.**

Open to all.

103	Heaviest Barrow of any age.....	\$50 00
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**Lot 40—Pen Barrows.**

104	Best 5 fat Barrows 12 and under 18 months.....	\$100 00
105	Best 5 fat Barrows under 1 year..	100 00

**Lot 41—Dressed Carcass.**

Not less than two entries will be considered in each ring, and only one entry (excepting sweepstakes animals,) can be made by the same exhibitor for each premium.

106	Best carcass of Barrow 12 and under 18 months.....	\$25 00
107	Best carcass of Barrow under 1 year old .....	25 00

**Lot 42—Gain Per Day.**

108	Barrow showing greatest average gain per day including weight at birth; entries to be accompanied by affidavit giving exact age.....	\$50 00
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**Lot 43—Cost of Production.**

Entries to be made on the prescribed form and verified by affidavit.

109	Barrow 12 and under 18 months, produced at the least cost per pound, live weight.....	\$50 00
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## DONATIONS.

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The following cash subscriptions have been made in Chicago to the General Premium Fund of the Fat-Stock Show for 1884 :

Union Stock Yards and Transit Co., John B. Sherman, Manager.....	\$3,000
Grand Pacific Hotel, John B. Drake & Co., proprietors.....	200
Sherman House, J. Irving Pearce, proprietor.....	200
Palmer House, Palmer House Co., proprietors.....	100
Leland Hotel, Warren F. Leland, proprietor.....	25
Tremont House, John A. Rice & Co., proprietors.....	25
Commercial Hotel, C. W. Dabb & Co., proprietors.....	25
McCoy Hotel, William McCoy, proprietor.....	15
Central House, 250 State street, W. E. Briggs, proprietor.....	15
Crawford House, Adams and Wabash avenue, G. W. Babcock, manager.....	15
Afton House, 73 and 75 Monroe street, C. A. Phillips, proprietor.....	10
Windsor European Hotel, 145 Dearborn street, Samuel Gregsten, proprietor.....	10
Brevoort House, 143 Madison street, Benjamin & Wentworth, proprietors.....	10
Benton House, Clark street, near Madison, Benton Mauzy, proprietor.....	10
Hotel Cortland, Downey & Hilb, proprietors.....	10
E. H. Lehman.....	25
L. Adams & Co.....	25

# SPECIAL PREMIUMS.

## CLASS A—CATTLE.

### LOT 6—GRADES OR CROSSES.

Best Steer or Spayed Heifer over 1 and under 2 years:

First prize given by the <i>Prairie Farmer</i> , cash.....	\$25 00
Second prize, ten annual subscriptions, and a large map of the United States (mounted) with each subscription; the paper to be mailed postpaid to any address or addresses desired.....	20 00
Third prize, five annual subscriptions and map with each, as above.....	10 00

Best Steer or Spayed Heifer under 1 year:

<i>Farmers' Review</i> offers a cash prize of .....	30 00
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### LOT 8—ALL BREEDS AND GRADES, BY AGES.

Best Steer, Barren or Spayed Cow 3 and under 4 years:

Coleman, Post & Reed, Proprietors Ill. Agr'l Works, Springfield, offer one Post's combined cultivator, valued at.....	\$30 00
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Best Steer or Spayed Heifer 2 and under 3 years:

Schuttler & Hotz, Chicago, offer one Stock-feeder's Dump Wagon, with single-trees, doubletree and neck-yoke, all complete—made after entirely new plans and especially adapted for the above purposes, valued at.....	125 00
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Best Steer or Spayed Heifer 1 and under 2 years:

Furst and Bradley Manufacturing Co., Chicago, offers a Swing Beam Sulkey Plow, valued at.....	60 00
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### LOT 9—SWEEPSTAKES.

Best Animal shown in Lot 1—Short-Horns:

H. J. Whitcomb & Son, Chicago, offer one No. 8 White Sewing Machine, valued at..	\$65 00
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Best Animal shown in Lot 2—Herefords:

H. C. Staver & Co., Chicago, offer one improved Buckeye Feed-Grinder with Horse-power combined, valued at.....	75 00
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Best Animal shown in Lot 5—Holstein or Friesian:

C. D. Peacock, Chicago (Jeweler), offers a Water Pitcher and Tray, valued at.....	25 00
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Best Animal shown in Lot 4—Aberdeen-Angus:

Boardman Bros., Shortsville, N. Y., offer one Champion Hay and Grain Unloader valued at.....	35 00
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## LOT 11—PEN OF CATTLE.

Best five Steers, Barren or Spayed Cows, 3 and under 4 years:

Marshall Field & Co., Chicago, cash prize .....\$125 00

Best five Steers or Spayed Heifers 2 and under 3 years:

Marshall Field & Co., Chicago, cash prize ..... 125 00

## LOT 12—DRESSED CARCASS.

Best Carcass of Steer or Spayed Cow 3 and under 4 years:

Fairbanks, Morse & Co., Chicago, offer one 4-ton Scale with Double Beam and Weigh Box, valued at.....\$170 00

Best Carcass of Steer or Spayed Heifer 1 and under 2 years:

W. W. Kimball, Chicago, offers one Cabinet Organ, valued at..... 150 00

## THE ILLINOIS SHORT-HORN BREEDERS' ASSOCIATION

Agree to duplicate all premiums offered by the State Board of Agriculture and awarded Illinois exhibitors of thoroughbred Shorthorn cattle, shown at the Seventh Annual American Fat-Stock Show.

## THE IOWA SHORT-HORN BREEDERS' ASSOCIATION

Agree to duplicate all premiums offered by the Ill. State Board of Agriculture and won by Iowa exhibitors of Short-Horns or Short-Horn grades at the American Fat-Stock Show, Chicago, November, 1884.

## THE IOWA STATE AGRICULTURAL SOCIETY

Agree to duplicate all premiums offered by the Illinois State Board of Agriculture at the Seventh Annual American Fat-Stock Show, and awarded to Iowa exhibitors.

## THE AMERICAN HEREFORD ASSOCIATION

Agree to duplicate all premiums offered by the Illinois State Board of Agriculture and awarded Herefords or grade Herefords at the Seventh Annual Fat-Stock Show, to be held in Chicago, November, 1884.

## THE HOLSTEIN BREEDERS' ASSOCIATION OF AMERICA

Offer special premiums as follows, for pure-bred Holsteins, exhibited at the Seventh American Fat-Stock Show:

Best Steer, Barren or Spayed Cow 3 and under 4 years.....	\$30 00
Second best.....	20 00
Third best.....	10 00
Best Steer or Spayed Heifer 2 and under 3 years.....	30 00
Second best.....	20 00
Third best.....	10 00
Best Steer or Spayed Heifer 1 and under 2 years.....	30 00
Second best.....	20 00
Third best.....	10 00
Best Steer or Spayed Heifer under 1 year old.....	30 00
Second best.....	20 00
Third best.....	10 00
Best Holstein above ages.....	75 00

The Association offer two-thirds of the above premiums won by grade Holsteins having not less than 50 per cent. of Holstein blood and showing the characteristics of the breed.

## HEREFORD AND GRADE HEREFORD CATTLE.

T. L. Miller & Co., of Beecher, Illinois, offer the following special premiums for cattle exhibited at the American Fat-Stock Show of 1884, to-wit:

Lot 2—Hereford—Best Steer or Spayed Heifer 2 and under 3 years, \$30; second best, \$20. Best Steer or Spayed Heifer 1 and under 2 years, \$30; second best, \$20. Best Steer or Spayed Heifer under 1 year, \$30; second best, \$20.

Lot 6—Grades or Crosses—If premiums are won by grade Herefords, as follows: Best Steer or Spayed Heifer 2 and under 3 years, \$30; second best, \$20. Best Steer or Spayed Heifer 1 and under 2 years, \$30; second best, \$20. Best Steer or Spayed Heifer under 1 year, \$30; second best, \$20.

Lot 12—Dressed Carcass—If premiums are won by a Hereford or grade Hereford, as follows: Best Carcass of Steer or Spayed Heifer 2 and under 3 years, \$75. Best Carcass of Steer or Spayed Heifer 1 and under 2 years, \$75.

Lot 13—Dressed Carcass—Sweepstakes—Best Carcass in the Show, if won by a Hereford or grade Hereford, \$100.

## CLASS C—SHEEP.

### LOT 13—SWEEPSTAKES.

(Open to all.)

Best Wether 2 and under 3 years:

Coleman, Post & Reed, proprietors Illinois Agricultural Works, Springfield, offer one Post's Capital City Cultivator, valued at..... \$24 00

### LOT 26—PEN OF WETHERS.

Best 5 fat Wethers 2 and under 3 years:

Marshall Field & Co., Chicago, cash prize.....\$125 00

## CLASS D—SWINE.

### LOT 37—SWEEPSTAKES.

(Open to all.)

Best Barrow 12 and under 18 months:

*Farmer's Review*, Chicago, Silver Cup, value ..... \$25 00

Best Barrow under 1 year:

Rice, Whitacre & Co., Chicago, a No. 2 Triumph Feed Steamer, valued at..... 60 00

### LOT 40—PEN BARROWS.

Best 5 fat Barrows 12 and under 18 months:

Marshall Field & Co., Chicago, cash prize.....\$125 00

Best 5 fat Barrows under 1 year:

Coleman, Post & Reed, proprietors Illinois Agricultural Works, Springfield, offer one of Post's Tongueless Cultivators, valued at ..... 22 00

## RAILROAD ARRANGEMENTS

FOR THE

## AMERICAN FAT-STOCK SHOW. 1884.

†Chicago & Northwestern.....  
 †Chicago, Rock Island & Pacific.....  
 †Illinois Central.....  
 \*Chicago & Alton.....  
 \*Chicago, St. Louis & Western.....  
 †Chicago & Eastern Illinois.....  
 †Chicago, Milwaukee & St. Paul.....  
 Cincin., Indianapolis, St. Louis & Chicago.....  
 Louisville, New Albany & Chicago.....  
 Wabash, St. Louis & Pacific.....  
 §Chicago, Burlington & Quincy.....

Will carry stock from stations on its line to Chicago at regular tariff rates, and refund one-third of the amount paid on presentation of Secretary's certificate that the stock has been on exhibition.

Baltimore & Ohio.....  
 Chicago & Atlantic.....  
 Chicago & Grand Trunk.....  
 Chicago, St. Louis & Pittsburg.....  
 Lake Shore & Michigan Southern.....  
 Michigan Central.....  
 New York, Chicago & St. Louis.....  
 Pittsburg, Ft. Wayne & Chicago.....

Passengers, one and one-third fare for the round trip (distance limited to 100 miles). Freight will be charged full local tariff rate to Chicago, and must be pre-paid, when it will be returned free to points whence shipped, on certificate of the Secretary that the same has been on exhibition, and has not changed ownership. Freight arrangement covers a distance of 275 miles east of Chicago.

Paid freight bills, with Secretary's certificate, should be presented to the railroads when applying for a rebate of freight.

These concessions are made upon the condition that the roads are released from any and all liability exceeding \$50 per head, in case of injury by accident or otherwise while in transit, or while awaiting shipment or delivery at stations.

Stock over the Illinois Central Railroad will be delivered at the Exposition Building, and should be so billed.

Owners, or their agents, must accompany the stock, and be responsible for it, and its loading and unloading. All stock should be billed prepaid. The five dollars switching charges will be collected of the owner of the stock at the Exposition Building.

\*Arrangement covers points in Illinois only.

†Covers points in Illinois, Iowa, Wisconsin, Minnesota and Dakota.

‡Covers points in Illinois and Iowa.

§Covers points in Iowa only.

## TERMINAL CHARGES.

Stock from all other roads should be shipped to the Exposition Building, care Illinois Central Railroad, Union Stock Yards. The charge per car stock from the Stock Yards to the Exposition Building, and returning same, or empty car, to Stock Yards, will be five dollars.



# EXHIBITERS.

## CLASS A—CATTLE.

(The figures denote the numbers of the entries of each exhibiter.)

### SHORT-HORNS—31 head.

Anderson, James R., Anderson, O.	2
Barclay, C. S., West Liberty, Ia.	3, 4, 5, 14, 15, 16, 24
Canada West Farm Stock Association, Brantford, Ont.	6
Harvey, T. W., Turlington, Neb.	8, 9, 18
Morrow & Renick, Clintonville, Ky.	10, 11, 12, 13, 17, 22, 23, 168
Potts, J. H. & Son, Jacksonville.	1, 21
Sadowski, Harvey, Indianola.	27, 28, 29
Sherman, John B., Chicago	7, 165
Smith, D. W., Bates.	19, 20
Waddel, B.	25
Winslow, A. M., Sons	26

### HEREFORD—15 head.

Culbertson, C. M., Chicago.	38
Earl, Adams, Lafayette, Ind.	30
Fowler & Van Natta, Fowler, Ind.	31, 39, 42
Hershey, B., Muscatine, Ia.	43
Indiana Blooded Stock Co., Indianapolis, Ind.	32-37, 40, 41
Leigh, Geo. & Co., Aurora.	185

### ABERDEEN-ANGUS—6 head.

Cochrane, M. H., Compton, Que.	44
Geary Bros., London, Ont.	170
Harvey, T. W., Turlington, Neb.	47
Hill, James J., St. Paul, Minn.	48
Indiana Blooded Stock Co., Indianapolis, Ind.	45, 46

### HOLSTEIN OR FRIESIAN—2 head.

Scott, Lucien, Leavenworth, Kas.	50
Wales, Thomas B., Jr., Iowa City, Ia.	49

### GALLOWAY—2 head.

Hill, James J., St. Paul, Minn.	157, 158
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### GRADES OR CROSSES—131 head.

American Aberdeen-Angus Association, Independence, Mo.	84
Barclay, C. S., West Liberty, Ia.	54, 55, 75, 76, 77, 78, 126, 172, 173, 174
Canada West Farm Stock Association, Brantford, Ont.	56, 167
Cochrane, M. H., Compton, Que.	128
Culbertson, C. M., Chicago.	102, 103, 113, 114, 145
Earl, Adams, Lafayette, Ind.	85, 86
Fowler & Van Natta, Fowler, Ind.	68, 69, 70, 107, 108, 109, 135, 136, 137, 146, 151, 152, 179, 180, 181
Gillett, John D., Elkhart.	62, 63, 64, 65, 66, 97, 98, 99, 100, 101, 131, 132, 133, 142, 143, 144, 166, 182, 183
Gillett, John P., Elkhart.	59, 60, 61, 93, 94, 95, 96, 111, 149, 156, 159, 171, 184
Harvey, T. W., Turlington, Neb.	104, 105, 134, 169

Hershey, B., Muscatine, Ia.	138
Hill, James J., St. Paul, Minn.	106, 115, 116, 117, 118, 119, 157, 158
Indiana Blooded Stock Co., Indianapolis, Ind.	79, 80, 81, 82, 147, 160
Morrow & Renick, Clintonville, Ky.	53, 74, 124, 125, 141
Peak, J. R. & Son, Winchester	87, 88, 89, 129, 130, 161, 175, 176
Ponting, Tom C., Moweaqua	110, 153
Potts, J. H. & Son, Jacksonville	51, 52, 73, 120, 121, 122, 123
Price, J. R., Williamsville	139, 140, 154, 155
Ross, John & Son, Bucyrus, O.	71
Scott, Lucien, Leavenworth, Kas.	72, 83, 127, 148
Sherman, John B., Chicago	57, 58, 90, 91, 92, 162, 163, 164, 177, 178, 186, 187
Waddel, B., Marion, O.	67, 112, 150

## CLASS B—HORSES.

### CLYDESDALE—13 head.

Blair, W. S., New Lenox	221
Brookside Farm Co., Ft. Wayne, Ind.	213, 214, 215, 216, 217, 218
Fischer, D., Goderich, Ontario	222, 223, 224, 240
Leigh, Geo. & Co., Aurora	219, 220

### NORMAN—26 head. •

Degen Bros., Ottawa	199, 200, 201, 202, 203, 204
Dillon Bros., Normal	205, 206, 207, 208, 209, 210
Nash M., Chicago	211, 212
Perry, Jas. A., Wilmington	194, 195, 196, 197, 198, 239
Virgin, John	188, 189, 190, 191, 192, 193

### ENGLISH SHIRE—8 head.

Fischer, D., Goderich, Ont.	225
Truman, J. H., Bushnell	232, 233, 234, 235, 236, 237
Smith, A., Goderich, Ont.	226

### CLEVELAND BAY—1 head.

Smith, A., Goderich, Ont.	227
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### GRADES, ETC.—5 head.

Pearce, J. Irving, Jr., Chicago	238
Truman, J. H., Bushnell	228, 229, 230, 231

## CLASS C—SHEEP.

### SOUTHDOWNS—18 head.

Newton, Mrs. Ann, Portiac, Mich.	247, 253, 257, 297
Potts, J. H. & Son, Jacksonville	241, 242, 243, 244, 245, 246, 248, 249, 250, 251, 252, 255, 256
Waddel, B., Marion, O.	254

### OTHER DOWNS—12 head.

Allen, Geo. & Son, Archie	264
Newton, Mrs. Ann, Pontiac, Mich.	258, 265, 267
Potts, J. H. & Son, Jacksonville	255, 256
Stone & Loake, Stonington	263
Waddel, B., Marion, O.	259, 260, 261, 266
Willson, Frank, Jackson, Mich.	262

### COTSWOLDS—4 head.

Stone & Loake, Stonington	270, 271
Willson, Frank, Jackson, Mich.	268, 269

## LEICESTER OR LINCOLN—1 head.

Waddel, B. Marion, O .....	272
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## GRADES OR CROSSES—24 head.

Allen, Geo. & Son, Archie .....	283, 284, 293, 294
Newton, Mrs. Ann, Pontiac, Mich .....	274, 286, 296
Potts, J. H. & Son, Jacksonville .....	285, 295
Stone & Loake, Stonington .....	273, 279, 280, 281, 282, 291, 292
Waddel, B., Marion, O .....	275, 276, 287, 288, 289
Willson, Frank, Jackson, Mich. ....	277, 278, 290

## CLASS D—SWINE.

## BERKSHIRE—1 head.

Gallaher, John, Floyd .....	298
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## POLAND CHINA—22 head.

Countryman, J. A., Rochelle .....	302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 362, 363
Goodman, Sam, Leon, Ia .....	299, 300, 352, 353, 354
Stone & Loake, Stonington .....	301

## VICTORIA—4 head.

Davis, Geo. F. & Co., Dyer, Ind. ....	318, 319
Stone & Loake, Stonington .....	316, 317

## ESSEX—4 head.

Willson, Frank, Jackson, Mich .....	320, 321, 322, 323
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## DUROC JERSEY RED—13 head.

Donaldson, Adam, Pleasant Valley, Ia .....	324, 329, 330, 331, 359, 360
Stoner G. W., La Place .....	325, 326, 327, 328, 355, 356, 364

## YORKSHIRES—4 head.

Henley, L. C., Mattoon .....	335, 336, 337, 361
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## SUFFOLK—6 head.

Willson, Frank, Jackson, Michigan .....	332, 333, 334, 338, 339, 340
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## GRADES OR CROSSES—12 head.

Davis, Geo. F. & Co., Dyer, Ind. ....	344, 345
Donaldson, Adam, Pleasant Valley, Ia .....	341
Gallaher, John, Floyd .....	346, 347, 348, 357, 358
Henley, L. C., Mattoon .....	350
Stone & Loake, Stonington .....	342, 343, 349



## AWARDING COMMITTEES.

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### QUALIFICATION OF JUDGES.

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The State Board of Agriculture, after using all diligence and care in the selection of judges, thoroughly investigated in open meeting the qualifications of each committeeman, as to the number of years of practical experience had, as a butcher, in killing and cutting up on the block the various breeds of stock on exhibition. The prejudices, if any, of judges in favor of any of the various breeds of meat animals, either as a breeder or otherwise, were developed. All essential matters likely to determine the ability of judges to critically and impartially pass upon the merits of the animals on exhibition, were duly considered.

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### CLASS A—CATTLE.

#### LOT 1—SHORT-HORN.

Name.	Residence.	State.
Peter Emrich.....	Evansville.....	Indiana
John S. Messler.....	Canton.....	Illinois

#### LOT 2—HEREFORD.

Peter Emrich.....	Evansville.....	Indiana
Christ. Rohm.....	.....	.....
W. S. Stebbins, Umpire.....	Iowa City.....	Iowa

#### LOT 3—DEVON.

No entries.

#### LOT 4—ABERDEEN-ANGUS.

Peter Emrich.....	Evansville.....	Indiana
Christ. Rohm.....	.....	.....
Leo. Phillips.....	Mt. Carroll.....	Illinois
W. S. Stebbins.....	Iowa City.....	Iowa

#### LOT 5—HOLSTEIN OR FRIESIAN.

Christ. Rohm.....	.....	.....
Peter Emrich.....	Evansville.....	Indiana

# LOT 6—GRADES OR CROSSES.

Balser Schiess.....	Alton.....	Illinois
W. S. Stebbins.....	Iowa City.....	Iowa
O. B. Jenkins, Umpire.....	Gallatin.....	Tennessee
Chas. E. Bunn.....	Peoria.....	Illinois

# LOT 7—RANGE CATTLE.

No entries.

# LOT 8—ALL BREEDS AND GRADES BY AGES.

W. S. Stebbins.....	Iowa City.....	Iowa
Balser Schiess.....	Alton.....	Illinois
John H. Bunn, Umpire.....	Peoria.....	Illinois

# LOT 9—SWEEPSTAKES.

W. S. Stebbins.....	Iowa City.....	Iowa
John H. Bunn.....	Peoria.....	Illinois
Balser Schiess, Umpire.....	Alton.....	Illinois

# LOT 10—GRAND SWEEPSTAKES.

W. S. Stebbins.....	Iowa City.....	Iowa
John H. Bunn.....	Peoria.....	Illinois
Balser Schiess, Umpire.....	Alton.....	Illinois

# LOT 11—PEN OF CATTLE.

W. S. Stebbins.....	Iowa City.....	Iowa
John H. Bunn.....	Peoria.....	Illinois
Balser Schiess, Umpire.....	Alton.....	Illinois

# LOT 12—DRESSED CARCASS.

Jos. Krischke.....	Canton.....	Illinois
Chas. E. Bunn.....	Peoria.....	Illinois
Peter Emrich, Umpire.....	Evansville.....	Indiana

# LOT 13—DRESSED CARCASS—SWEEPSTAKES.

W. S. Stebbins.....	Iowa City.....	Iowa
O. B. Jenkins.....	Gallatin.....	Tennessee

# CLASS C—SHEEP.

# LOT 18—SOUTH DOWNS.

Jos. Krischke.....	Canton.....	Illinois
Chas. E. Bunn.....	Peoria.....	Illinois

# LOT 19—OTHER DOWNS.

Jos. Krischke.....	Canton.....	Illinois
Chas. E. Bunn.....	Peoria.....	Illinois

# LOT 20—COTSWOLDS.

Joseph Krischke.....	Canton.....	Illinois
Chas. E. Bunn.....	Peoria.....	Illinois

## LOT 21—LEICESTER OR LINCOLN.

Name.	Residence.	State.
Chas. E. Bunn .....	Peoria.....	Illinois
Joseph Krischke .....	Canton .....	Illinois

## LOT 22—GRADES OR CROSSES.

Joseph Krischke .....	Canton .....	Illinois
Chas. E. Bunn .....	Peoria .....	Illinois

## LOT 23—SWEEPSTAKES.

Leo Phillips .....	Mt. Carroll .....	Illinois
O. B. Jenkins .....	Gallatin .....	Tennessee
Balser Schiess .....	Alton .....	Illinois

## LOT 24—GRAND SWEEPSTAKES.

O. B. Jenkins .....	Gallatin .....	Tennessee
Leo Phillips .....	Mt. Carroll .....	Illinois
Balser Schiess .....	Alton .....	Illinois

## LOT 26—PEN OF WETHERS.

O. B. Jenkins .....	Gallatin .....	Tennessee
Leo Phillips .....	Mt. Carroll .....	Illinois
Balser Schiess .....	Alton .....	Illinois

## LOT 27—DRESSED CARCASS.

Peter Emrich .....	Evansville .....	Indiana
J. S. Messler .....	Canton .....	Illinois

## CLASS D—SWINE.

## LOT 30—BERKSHIRE.

O. B. Jenkins .....	Gallatin .....	Tennessee
Balser Schiess .....	Alton .....	Illinois
George Phillips .....	Mt. Carroll .....	Illinois

## LOT 31—POLAND CHINA.

O. B. Jenkins .....	Gallatin .....	Tennessee
Balser Schiess .....	Alton .....	Illinois
George Phillips .....	Mt. Carroll .....	Illinois

## LOT 32—CHESTER WHITE AND VICTORIA.

O. B. Jenkins .....	Gallatin .....	Tennessee
Balser Schiess .....	Alton .....	Illinois
George Phillips .....	Mt. Carroll .....	Illinois

## LOT 33—ESSEX.

O. B. Jenkins .....	Gallatin .....	Tennessee
Balser Schiess .....	Alton .....	Illinois
George Phillips .....	Mt. Carroll .....	Illinois

## LOT 34—DUROC JERSEY RED.

O. B. Jenkins .....	Gallatin .....	Tennessee
Balser Schiess .....	Alton .....	Illinois
Leo Phillips .....	Mt. Carroll .....	Illinois



# LOT 35—YORKSHIRE AND SUFFOLK:

Name.	Residence.	State.
O. B. Jenkins .....	Gallatin .....	Tennessee
Balser Schiess .....	Alton .....	Illinois
George Phillips .....	Mt. Carroll .....	Illinois

# LOT 36—GRADES OR CROSSES.

O. B. Jenkins .....	Gallatin .....	Tennessee
Balser Schiess .....	Alton .....	Illinois
George Phillips .....	Mt. Carroll .....	Illinois

# LOT 37—SWEEPSTAKES.

Chas. E. Bunn .....	Peoria .....	Illinois
Joseph Krischke .....	Canton .....	Illinois
Balser Schiess .....	Alton .....	Illinois

# LOT 38—GRAND SWEEPSTAKES.

Balser Schiess .....	Alton .....	Illinois
W. S. Stebbins .....	Iowa City .....	Iowa
Leo Phillips .....	Mt. Carroll .....	Illinois

# LOT 40—PEN OF BARROWS.

Chas. E. Bunn .....	Peoria .....	Illinois
Joseph Krischke .....	Canton .....	Illinois
Balser Schiess .....	Alton .....	Illinois

# COMMITTEE ON MEASUREMENTS

# CLASS A—CATTLE.

LaFayette Funk .....	Shirley .....	Illinois
S. B. Gillham .....	Alton .....	Illinois
A. F. Moore .....	Polo .....	Illinois

# BREEDING OF ANIMALS EXHIBITED.

## CLASS A—CATTLE.

JOHN P. REYNOLDS, *Superintendent.*

### LOT 1—SHORT-HORNS.

*Steer, Barren or Spayed Cow 3 and under 4 years—9 entries.*

- 1—Roan Gauntlet, exhibited by J. H. Potts & Son, Jacksonville; bred by N. D. Graves, Jacksonville; dropped April 27, 1881; sire, Master Airdrie 4th, 27217; dam, Lulu.
- 2—Chicago, exhibited by James R. Anderson, Anderson, O.; bred by James R. Anderson, Anderson, O.; dropped August 4, 1881; sire, 2d Gem Duke of Airdrie, 17140; dam, Mayflower 3d.
- 3—Cambria Boy 2d, exhibited by C. S. Barclay, West Liberty, Ia.; bred by D. Cookson & Sons, Downey, Ia.; dropped July 4, 1881; sire, Cambria Boy, 50303; dam, Bell Knox 2d.
- 4—Champion 2d, exhibited by C. S. Barclay, West Liberty, Ia.; bred by D. Cookson & Sons, Downey, Ia.; dropped September 17, 1881; sire, Champion 45592; dam, Lou Angeline of Maple Grove.
- 5—Chunkey, exhibited by C. S. Barclay, West Liberty, Ia.; bred by S. C. Duncan, Smithville, Mo.; dropped September 15, 1881; sire, Kirklevington Lad 39531; dam, Elvira 5th.
- 6—Clarence Kirklevington, bred and exhibited by Canada West Farm Stock Association, Brantford, Ont.; dropped February 8, 1881; sire, 4th Duke of Clarence (33597); dam, Kirklevington Duchess of Horton.
- 7—White Cloud, exhibited by John B. Sherman, Chicago; bred by Isaac Fiery, Edinburgh; dropped February 1, 1881; sire, Son of Blear's Booth; dam, Shorthorn.
- 8—Snow Flake, exhibited by T. W. Harvey, Turlington, Neb.; bred by Wm. Moffatt & Bro., Paw Paw; dropped July 20, 1881; sire, Crown Matchless 45673; dam, Bessie Bell 8th.
- 9—Young Mary of Turlington, exhibited by T. W. Harvey, Turlington, Neb.; bred by S. E. Prather, Sherman; dropped January 31, 1881; sire, Red Lord 9187; dam, Ruth.

*Steer or Spayed Heifer 2 and under 3 years—11 entries.*

- 10—Schooler, exhibited by Morrow & Renick, Clintonville, Ky.; bred by B. R. Schooler, Clintonville, Ky.; dropped December 16, 1881; sire, Poppy's Airdrie 10346; dam, Miss Byron.
- 11—Weathers, exhibited by Morrow & Renick, Clintonville, Ky.; bred by J. E. Weathers, Pine Grove, Ky.; dropped January 13, 1882; sire, Duke Geneva 22631; dam, Myra Airdrie 3d.
- 12—Bedford No. 1, exhibited by Morrow & Renick, Clintonville, Ky.; bred by F. P. Bedford, Paris, Ky.; dropped January 8, 1882; sire, Renick 10431; dam, Calla 30th.
- 13—Bedford No. 3, exhibited by Morrow & Renick, Clintonville, Ky.; bred by F. P. Bedford, Paris, Ky.; dropped April 14, 1882; sire, Renick 10431; dam, Vanda 4th.
- 14—Joe Gault, exhibited by C. S. Barclay, West Liberty, Ia.; bred by W. H. Fulkerson, Jerseyville; dropped January 1, 1882; sire, Hazel Dell Duke 39250; dam, Minnie Gault (Vol. 13).
- 15—Cox, exhibited by C. S. Barclay, West Liberty, Ia.; bred by W. H. Fulkerson, Jerseyville; dropped March 24, 1882; sire, Geneva Prince; dam, Julia (Vol. 17).

- 16—Hepoo, exhibited by C. S. Barclay, West Liberty, Ia.; bred by W. H. Fulkerson, Jerseyville; dropped November 22, 1881; sire, Hazel Dell Duke 39250; dam, Grand Daughter (Vol. 20.)
- 17—Maple, exhibited by Morrow & Renick, Clintonville, Ky.; bred by H. C. Duncan, Osborne, Mo.; dropped April 21, 1882; sire, Duke of Maple Hill 38480; dam, 2d Belle of Bourbon Place.
- 18—Sonsil Lad, exhibited by T. W. Harvey, Turlington, Neb.; bred by C. C. Blish & Son, Kewanee; dropped October 23, 1882; sire, 12th Duke of Springwood, 43534; dam, Sonsil Lass 4th, of Mt. Zion.
- 19—Illustrious, bred and exhibited by D. W. Smith, Bates; dropped January 25, 1882; sire, 2d Duke of Underidge; dam, Illustration.
- 20—Underidge, bred and exhibited by D. W. Smith, Bates; dropped March 31, 1882; sire, 2d Duke of Underidge; dam, Ruth VI.

*Steer or Spayed Heifer 1 and under 2 years—9 entries.*

- 21—Frank, exhibited by J. H. Potts & Son, Jacksonville; bred by David Winters, Jacksonville; dropped May 20, 1883; sire, 5th Prince of Riverdale 42391; dam, Lulu 4th.
- 22—Swift, exhibited by Morrow & Renick, Clintonville, Ky.; bred by Charles Swift, Winchester, Ky.; dropped February 25, 1883; sire, Lord Castlewood 33058; dam, Manana.
- 23—Cunningham, exhibited by Morrow & Renick, Clintonville, Ky.; bred by John Cunningham, Clintonville, Ky.; dropped April 17, 1883; sire, Lord Beaconsfield 11156; dam, Airdrie Lass.
- 24—Snow Ball, exhibited by C. S. Barclay, West Liberty, Ia.; bred by D. McCroskey, Tipton, Ia.; dropped November 28, 1882; sire, Roan Underly 10430; dam, Lucy Miscatoun.
- 25—Orio, bred and exhibited by B. Waddel, Marion, Ohio; dropped March 25, 1883; sire, Airdrie 18101; dam, Lady Thorn 15.
- 26—Daisy Boy, bred and exhibited by A. M. Winslow's Sons, Kankakee; dropped October 25, 1883; sire, 4th Duke of Northumberland 32351; dam, Daisy 3d.
- 27—Gen. Custer, bred and exhibited by Harvey Sadowsky, Indianola; dropped January 25, 1883; sire, General Custer 4th 35569; dam, Airdrie's Bloom.
- 28—L. Cunningham, bred and exhibited by Harvey Sadowsky, Indianola; dropped March 4, 1883; sire, Airdrie's Geneva 42706; dam, Cambridge Rose 4th.
- 29—Cambria's Geneva, bred and exhibited by Harvey Sadowsky, Indianola; dropped March 1, 1883; sire, Airdrie's Geneva 42706; dam, Cambria.

*Steer or Spayed Heifer under 1 year—no entries.*

## LOT 2—HEREFORDS.

*Steer, Barren or Spayed Cow 3 and under 4 years—2 entries.*

- 30—Hoosier, exhibited by Adams Earl, Lafayette, Ind.; bred by T. J. Carwardine, Leominster, Eng.; dropped January 22, 1881; sire, Lord Wilton (4740); dam, Prettynair.
- 31—Artless, exhibited by Fowler & Van Natta, Fowler, Ind.; bred by T. E. Miller, Beecher; dropped February 6, 1881; sire, Seventy Six 1093; dam, Abbey 1111.

*Steer or Spayed Heifer 2 and under 3 years—8 entries.*

- 32—Champion, exhibited by Indiana Blooded Stock Co., Indianapolis, Ind.; bred by R. S. Olver, Cornwall, England; dropped April 6, 1882; sire, Winstanley (6258); dam, Cherry, (Vol. XI.)
- 33—Stokesay, exhibited by Indiana Blooded Stock Co., Indianapolis, Ind.; bred by P. G. Hughes, Craven Arms, England; dropped May 4, 1882; sire, Formosa 2d (3919); dam, Lemon 6th.
- 34—Maine Boy, exhibited by Indiana Blooded Stock Co., Indianapolis, Ind.; bred by R. S. Olver, Cornwall, England; dropped April 5, 1882; sire, Winstanley (6258); dam, Rose 2d.
- 35—Cornwall, exhibited by Indiana Blooded Stock Co., Indianapolis, Ind.; bred by W. R. Grose, Penpont, England; dropped April 2, 1882; sire, Penpont (6101); dam, Charmer 2d, (Vol. XIV.)
- 36—Prince, exhibited by Indiana Blooded Stock Co., Indianapolis, Ind.; bred by Gudgell & Simpson, Independence, Mo.; dropped February 19, 1882; sire, Henry Simpson, 8988; dam, Princess 5th, 1294.



- 37—Suspense, exhibited by Indiana Blooded Stock Co., Indianapolis, Ind.; bred by Guggell & Simpson, Independence, Mo.; dropped May 24, 1882; sire, Anxiety 4th, 9904; dam, Lady Stannay, 9937.
- 38—Choctaw, bred and exhibited by C. M. Culbertson, Chicago; dropped November 30, 1881; sire, Landlord (5010); dam, Sunset 1082.
- 39—Robert, bred and exhibited by Fowler & Van Natta, Fowler, Ind.; dropped December 21, 1881; sire, Request 5694; dam, Daisy 4th, 5633.

*Steer or Spayed Heifer 1 and under 2 years—4 entries.*

- 40—Tidy Boy, exhibited by Indiana Blooded Stock Co., Indianapolis Ind.; bred by J. T. Paull, Cornwall, England; dropped January 13, 1883; sire, Roseland (6151); dam, Tidy.
- 41—Rosy Duke, exhibited by Indiana Blooded Stock Co., Indianapolis, Ind.; bred by J. T. Paull, Cornwall, England; dropped January 26, 1883; sire, Roseland (6151); dam, Kitty 4th.
- 42—Tempest, bred and exhibited by Fowler and Van Natta, Fowler, Ind.; dropped December 14, 1882; sire, Tredegar, 3386; dam, Emmeline 4005.
- 43—Champion, bred and exhibited by B. Hershey, Muscatine, Iowa; dropped December 3, 1882; sire, His Lordship 4969; dam, Miss Lucy, 5284.

*Steer or Spayed Heifer under 1 year—No entry.*

### LOT 3—DEVONS—No entry.

### LOT 4—ABERDEEN-ANGUS.

*Steer, Barren or Spayed Cow, 3 and under 4 years—1 entry.*

- 44—Netherwood Jock, exhibited by M. H. Cochrane, Compton, Quebec; bred by R. Williamson, Aberdeenshire, Scotland; dropped January 7, 1881; sire, Pleona (1314); dam, Aberdeen-Angus.

*Steer or Spayed Heifer 2 and under 3 years—No entry.*

*Steer or Spayed Heifer 1 and under 2 years—4 entries.*

- 45—Blaine, exhibited by Indiana Blooded Stock Co., Indianapolis, Ind.; bred by Burleigh & Bodwell, Vassalborough, Me; dropped September 28, 1883; sire, Bismarck 2d (1860); dam, Miss Panmure.
- 46—Logan, exhibited by Indiana Blooded Stock Co., Indianapolis, Ind.; bred by T. A. Fletcher, Indianapolis, Ind.; dropped October 8, 1883; sire, Bismarck 2d (1860); dam, Olive 2d (Vol. VII).
- 47—Paris Favorite, bred and exhibited by T. W. Harvey, Turlington, Neb.; dropped February 16, 1883; sire, Paris (1473); dam, Young Favorite 3d (3533).
- 48—Benholm, exhibited by James J. Hill, St. Paul, Minn.; bred by Mr. Smith, Benholm; dropped January 23, 1883; sire, Esk 1678; dam, Nannie 6095.

*Steer or Spayed Heifer under 1 year—No entry.*

### LOT 5—HOLSTEIN OR FRIESIAN.

*Steer, Barren or Spayed Cow 3 and under 4 years—1 entry.*

- 49—Tourmaline, exhibited by Thomas B. Wales, Jr., Iowa City, Ia.; bred by R. Witema, Tjumann, Friesland; dropped March 14, 1881. Imported.

*Steer or Spayed Heifer 2 and under 3 years—1 entry.*

- 50—Gottlieb, bred and exhibited by Lucien Scott, Leavenworth, Kas.; dropped December 29, 1882; sire, St. John 809; dam, Wybe 676.

*Steer or Spayed Heifer 1 and under 2 years—No entry.*

*Steer or Spayed Heifer under 1 year—No entry.*

## LOT 6—GRADES OR CROSSES.

*Steer, Barren or Spayed Cow 3 and under 4 years—22 entries.*

- 51—Porter, grade Short-Horn, exhibited by J. H. Potts & Son, Jacksonville; bred by W. P. Smith, Lowder; dropped March 3, 1881; sire, Hopewell 39304; dam  $\frac{3}{4}$  grade Short-Horn.
- 52—Ringold, grade Short-Horn, exhibited by J. H. Potts & Son, Jacksonville; dropped March 4, 1881; sire, grade Short-Horn; dam, grade Short-Horn.
- 53—Proctor, grade Short-Horn, exhibited by Morrow & Renick, Clintonville, Ky.; bred by G. W. Proctor, Winchester, Ky.; dropped May 1, 1881; sire, Short-Horn; dam,  $\frac{1}{2}$  grade Short-Horn.
- 54—Dick, grade Short-Horn, exhibited by C. S. Barclay, West Liberty, Ia.; bred by H. DeWitt, Washington, C. H., O.; dropped June 25, 1881; sire, Short-Horn; dam,  $\frac{3}{4}$  grade Short-Horn.
- 55—Jerry, grade Short-Horn, exhibited by C. S. Barclay, West Liberty, Ia.; bred by H. DeWitt, Washington, C. H., O.; dropped June 1, 1881; sire, Short-Horn; dam,  $\frac{3}{4}$  grade Short-Horn.
- 56—President, grade Short-Horn, exhibited by Canada West Farm Stock Association, Brantford, Ont.; bred by James Miller, Guelph, Ont.; dropped April 15, 1881; sire, Prince Hopewell 1219; dam,  $\frac{1}{2}$  grade Short-Horn.
- 57—Sangamon, Hereford-Short-Horn, exhibited by John B. Sherman, Chicago; bred by J. R. Price, Williamsville; dropped March 1, 1881; sire, Hereford; dam, Short-Horn.
- 58—Capt. Cook, Hereford-Short-Horn, exhibited by John B. Sherman, Chicago; bred by J. R. Price, Williamsville; dropped March 21, 1881; sire, Hereford; dam, Short-Horn.
- 59—Kinkead, grade Short-Horn, exhibited by John P. Gillett, Elkhart; bred by John D. Gillett, Elkhart; dropped August 29, 1881; sire, 15-16 grade Short-Horn; dam, 15-16 grade Short-Horn.
- 60—Red Bell, grade Short-Horn, exhibited by John P. Gillett, Elkhart; bred by John D. Gillett, Elkhart; dropped May 1, 1881; sire, 15-16 grade Short-Horn; dam, 15-16 grade Short-Horn.
- 61—Chub, grade Short-Horn, exhibited by John P. Gillett, Elkhart; bred by John D. Gillett, Elkhart; dropped June 20, 1881; sire, 15-16 grade Short-Horn; dam, 15-16 grade Short-Horn.
- 62—Conover, grade Short-Horn, bred and exhibited by John D. Gillett, Elkhart; dropped June 10, 1881; sire, 15-16 grade Short-Horn; dam, 15-16 grade Short-Horn.
- 63—Foster, grade Short-Horn, bred and exhibited by John D. Gillett, Elkhart; dropped December 10, 1880; sire, 15-16 grade Short-Horn; dam, 15-16 grade Short-Horn.
- 64—Paul Smith, grade Short-Horn, bred and exhibited by John D. Gillett, Elkhart; dropped January 30, 1881; sire, 15-16 grade Short-Horn; dam, 15-16 grade Short-Horn.
- 65—L. Dean, grade Short-Horn, bred and exhibited by John D. Gillett, Elkhart; dropped December 4, 1881; sire, 15-16 grade Short-Horn; dam, 15-16 grade Short-Horn.
- 66—Crump, grade Short-Horn, bred and exhibited by John D. Gillett, Elkhart; dropped May 7, 1881; sire, 15-16 grade Short-Horn; dam, 15-16 grade Short-Horn.
- 67—Dan, grade Short-Horn, bred and exhibited by B. Waddel, Marion, O.; dropped November 12, 1881; sire, Short-Horn; dam,  $\frac{3}{4}$  grade Short-Horn.
- 68—Price, grade Short-Horn, exhibited by Fowler & Van Natta, Fowler, Ind.; bred by J. R. Price, Williamsville; dropped April 14, 1881; sire, Hereford; dam,  $\frac{1}{2}$  grade Short-Horn.
- 69—Benton's Champion, grade Hereford, bred and exhibited by Fowler and Van Natta, Fowler, Ind.; dropped April 20, 1881; sire, Oxford 2d, 1283; dam,  $\frac{1}{2}$  grade Short-Horn.
- 70—Rogers, grade Hereford, bred and exhibited by Fowler & Van Natta, Fowler, Ind.; dropped October 20, 1881; sire, Oxford 2d, 1283; dam  $\frac{1}{2}$  grade Short-Horn.
- 71—Charley Ross, grade Short-Horn, exhibited by John Ross & Son, Bucyrus, O.; bred by David W. Barrows, Hedges Station, Ky.; dropped June 10, 1881; sire, Short-Horn; dam,  $\frac{3}{4}$  grade Short-Horn.
- 72—Jim Lee, grade Hereford, bred and exhibited by Lucien Scott, Leavenworth, Kas.; dropped May 24, 1881; sire, Gov. Bishop; dam,  $\frac{1}{2}$  grade Short-Horn.

*Steer or Spayed Heifer 2 and under 3 years—47 entries.*

- 73—Fred, grade Short-Horn, bred and exhibited by J. H. Potts & Son, Jacksonville; dropped February 4, 1882; sire Frederick William. 3195; dam,  $\frac{3}{4}$  grade Short-Horn.
- 74—Eales, grade Short-Horn, exhibited by Morrow & Renick, Clintonville, Ky.; bred by Chas. L. Eales, Cynthiana, Ky.; dropped December 24, 1881; sire, Short-Horn; dam, 15-16 grade Short-Horn.
- 75—Thompson, grade Short-Horn, exhibited by C. S. Barclay, West Liberty, Ia.; bred by E. Thompson, Edinburg, Ind.; dropped March 1, 1882; sire, Short-Horn; dam,  $\frac{3}{4}$  grade Short-Horn.
- 76—Red Cedar, grade Short-Horn, exhibited by C. S. Barclay, West Liberty, Ia.; bred by D. W. McCroskey, Tipton, Ia.; dropped April 7, 1882; sire, Short-Horn; dam  $\frac{3}{4}$  grade Short-Horn.
- 77—McCroskey, grade Short-Horn, exhibited by C. S. Barclay, West Liberty, Ia.; bred by D. W. McCroskey, Tipton, Ia.; dropped April 17, 1882; sire, Short-Horn; dam,  $\frac{3}{4}$  grade Short-Horn.
- 78—Mate, grade Short-Horn, bred and exhibited by C. S. Barclay, West Liberty, Ia.; dropped June 29, 1882; sire, Short-Horn; dam,  $\frac{1}{2}$  grade Short-Horn.
- 79—Stonington, grade Hereford, exhibited by Indiana Blooded Stock Co., Indianapolis, Ind.; bred by Tom C. Poning, Moweaqua; dropped March 1, 1882; sire Bonny Lad, 6110; dam, Hereford-Short-Horn.
- 80—Fisherman, grade Hereford, exhibited by Indiana Blooded Stock Co., Indianapolis, Ind.; bred by Burleigh & Bodwell, Vassalboro, Me., dropped April 27, 1882; sire, Careful, 5791; dam, Rosanna.
- 81—Tuck, grade Hereford, exhibited by Indiana Blooded Stock Co., Indianapolis, Ind.; bred by H. & N. Abbe, Elyria, O.; dropped May 15, 1882; sire, Conductor 3894; dam, Speckle Flank.
- 82—Nip, grade Hereford, exhibited by Indiana Blooded Stock Co., Indianapolis, Ind.; bred by H. & N. Abbe, Elyria, O.; dropped April 4, 1882; sire Hereford; dam,  $\frac{1}{2}$  grade Hereford.
- 83—Boots, grade Holstein, bred and exhibited by Lucien Scott, Leavenworth, Kan.; dropped February 27, 1882; sire, St. John 809; dam, native cow.
- 84—Abernethy, grade Aberdeen-Angus, exhibited by American Aberdeen-Angus Association, Independence, Mo.; bred by Ontario Agricultural College, Guelph, Ont.; dropped August 2, 1882; sire, Meldrum 1759; dam,  $\frac{1}{2}$  grade Short-Horn.
- 85—Shadeland, grade Hereford, bred and exhibited by Adams Earl, Lafayette, Ind.; dropped June 19, 1882; sire, Seventy-Seven (1091); dam,  $\frac{1}{2}$  grade Short-Horn.
- 86—White Face, grade Hereford, bred and exhibited by Adams Earl, Lafayette, Ind.; dropped June 9, 1882; sire, Seventy-Seven (1091); dam,  $\frac{1}{2}$  grade Short-Horn.
- 87—Boss, grade Short-Horn, bred and exhibited by J. R. Peak & Son, Winchester; dropped April 27, 1882; sire, Short-Horn; dam,  $\frac{1}{2}$  grade Short-Horn.
- 88—Gold King, grade Short-Horn, bred and exhibited by J. R. Peak & Son, Winchester; dropped June 15, 1882; sire, Short-Horn; dam,  $\frac{3}{4}$  grade Short-Horn.
- 89—Harry Clay, grade Short-Horn, bred and exhibited by J. R. Peak & Son, Winchester; dropped March 15, 1882; sire, Short-Horn; dam,  $\frac{3}{4}$  grade Short-Horn.
- 90—Barney, grade Short-Horn, exhibited by John B. Sherman, Chicago; bred by J. B. Heuber, Buffalo; dropped April 15, 1882; sire Short-Horn; dam,  $\frac{3}{4}$  grade Short-Horn.
- 91—Richland, grade Short-Horn, exhibited by John B. Sherman, Chicago; bred by R. P. Harrison, Richland; dropped May 20, 1882; sire, Short-Horn; dam,  $\frac{3}{4}$  grade Short-Horn.
- 92—Albright, grade Hereford, exhibited by John B. Sherman, Chicago; bred by S. Albright, Rossville; dropped March 25, 1882; sire, Hereford; dam,  $\frac{3}{8}$  grade Short-Horn.
- 93—Pointover, grade Short-Horn, exhibited by John P. Gillett, Elkhart; bred by John D. Gillett, Elkhart; dropped March 12, 1882; sire, 15-16 grade Short-Horn; dam, 15-16 grade Short-Horn.
- 94—Crockett, grade Short-Horn, exhibited by John P. Gillett, Elkhart; bred by John D. Gillett, Elkhart; dropped April 6, 1882; sire, 15-16 grade Short-Horn; dam, 15-16 grade Short-Horn.
- 95—Adams, grade Short-Horn, exhibited by John P. Gillett, Elkhart; bred by John D. Gillett, Elkhart; dropped April 10, 1882; sire, 15-16 grade Short-Horn; dam, 15-16 grade Short-Horn.



- 96—Red Jacket, grade Short-Horn, exhibited by John P. Gillett, Elkhart; bred by John D. Gillett, Elkhart; dropped January 20, 1882; sire, 15-16 grade Short-Horn; dam, 15-16 grade Short-Horn.
- 97—Trump, grade Short-Horn, bred and exhibited by John D. Gillett, Elkhart; dropped December 1, 1881; sire, 15-16 grade Short-Horn; dam, 15-16 grade Short-Horn.
- 98—McCue, grade Short-Horn, exhibited by John D. Gillett, Elkhart; bred by Barney McCue, Elkhart; dropped December 20, 1881; sire, 15-16 grade Short-Horn; dam, 15-16 grade Short-Horn.
- 99—Lookover, grade Short-Horn, bred and exhibited by John D. Gillett, Elkhart; dropped April 28, 1882; sire, 15-16 grade Short-Horn; dam, 15-16 grade Short-Horn.
- 100—Right About, grade Short-Horn, bred and exhibited by John D. Gillett, Elkhart; dropped April 5, 1882; sire, 15-16 grade Short-Horn; dam, 15-16 grade Short-Horn.
- 101—J. P. Reynolds, grade Short-Horn, bred and exhibited by John D. Gillett, Elkhart; dropped April 5, 1882; sire, 15-16 grade Short-Horn; dam, 15-16 grade Short-Horn.
- 102—Landrigan, grade Hereford, bred and exhibited by C. M. Culbertson, Chicago; dropped April 15, 1882; sire, Hereford; dam,  $\frac{3}{4}$  grade Hereford.
- 103—Savage, grade Hereford, bred and exhibited by C. M. Culbertson, Chicago; dropped February 15, 1882; sire, Hereford; dam,  $\frac{1}{2}$  grade Hereford.
- 104—Quality, grade Short-Horn, exhibited by T. W. Harvey, Turlington, Neb.; bred by Wm. Moffatt & Bro., Paw Paw; dropped December 25, 1881; sire, Crown Matchless 45673; dam,  $\frac{3}{4}$  grade Short-Horn.
- 105—Half and Half, grade Short-Horn, exhibited by T. W. Harvey, Turlington, Neb.; bred by John Huston, Blandinsville; dropped May 15, 1882; sire, Nelly Bly's Oxford; dam, native cow.
- 106—Hutcheon, Angus-Short-Horn, exhibited by Jas. J. Hill, St. Paul, Minn.; bred by T. Hutcheon, Tuniff, Scotland; dropped February 26, 1882; sire, Aberdeen-Angus; dam, Short-Horn.
- 107—Noble Boy, grade Hereford, exhibited by Fowler & Van Natta, Fowler, Ind.; bred by J. R. Price, Williamsville; dropped December 28, 1881; sire, Noble Boy 1880; dam,  $\frac{1}{2}$  grade Short-Horn.
- 108—Regulus, grade Hereford, exhibited by Fowler & Van Natta, Fowler, Ind.; bred by J. R. Price, Williamsville; dropped March 39, 1882; sire, Regulus 2d 6089; dam,  $\frac{1}{2}$  grade Short-Horn.
- 109—McGregor, grade Hereford, bred and exhibited by Fowler & Van Natta, Fowler, Ind.; dropped May 24, 1882; sire, Grandee 3d 5381; dam,  $\frac{1}{2}$  grade Hereford.
- 110—John A. Logan, grade Hereford, bred and exhibited by Tom C. Ponting, Moweaqua; dropped June 28, 1882; sire, Sir George 4575; dam, native cow.
- 111—Barney, grade Short-Horn, exhibited by John P. Gillett, Elkhart; bred by Barney McCue, Elkhart; dropped December 3, 1881; sire, 15-16 grade Short-Horn; dam, 15-16 grade Short-Horn.
- 112—Ohio Bell, grade Short-Horn, bred and exhibited by B. Waddel, Marion, O.; dropped December 2, 1881; sire, Short-Horn; dam,  $\frac{3}{4}$  grade Short-Horn.
- 113—Funk, grade Hereford, exhibited by C. M. Culbertson, Chicago; bred by R. L. Reat, Charleston; dropped May 1, 1882; sire, Hereford; dam,  $\frac{1}{2}$  grade Hereford.
- 114—Fisher, grade Hereford, bred and exhibited by C. M. Culbertson, Chicago; dropped April 15, 1882; sire, Hereford; dam,  $\frac{1}{2}$  grade Hereford.
- 115—Longmore, grade Short-Horn, exhibited by Jas. J. Hill, St. Paul, Minn.; bred by L. O. Longmore, Rattie Bauff, Scotland; dropped December 10, 1881; sire, Victor Havering (40863); dam, Angus-Short-Horn.
- 116—Rettie, Short-Horn-Angus, exhibited by Jas. J. Hill, St. Paul, Minn.; bred by L. O. Longmore, Rattie Bauff, Scotland; dropped January 6, 1882; sire, Victor Havering (40863); dam, Aberdeen-Angus.
- 117—McKessack, Angus-Short-Horn, exhibited by Jas. J. Hill, St. Paul, Minn.; bred by John Cadell, Fowes, Scotland; dropped March 15, 1882; sire, Aberdeen-Angus; dam, Short-Horn.
- 118—Kinloss, Angus-Short-Horn, exhibited by Jas. J. Hill, St. Paul, Minn.; bred by John Cadell, Fowes, Scotland; dropped April 15, 1882; sire, Aberdeen-Angus; dam, Short-Horn.
- 119—Tuniff, Angus-Short-Horn, exhibited by Jas. J. Hill, St. Paul, Minn.; bred by T. Hutcheon, Tuniff, Scotland; dropped January 22, 1882; sire, Aberdeen-Angus; dam, Short-Horn.

*Steer or Spayed Heifer 1 and under 2 years—27 entries.*

- 120—Victor, grade Short-Horn, bred and exhibited by J. H. Potts & Son, Jacksonville; dropped March 25, 1883; sire, Hopewell 39304; dam,  $\frac{3}{4}$  grade Short-Horn.
- 121—Red Cloud, grade Short-Horn, exhibited by J. H. Potts & Son, Jacksonville; bred by W. W. Shepherd & Son, Orleans; dropped March 24, 1883; sire, Lexington, 39607; dam,  $\frac{3}{4}$  grade Short-Horn.
- 122—Richmond, grade Short-Horn, bred and exhibited by J. H. Potts & Son, Jacksonville; dropped March 20, 1883; sire, Imported Duke of Richmond, 21525; dam,  $\frac{3}{4}$  grade Short-Horn.
- 123—Major Denby, grade Short-Horn, exhibited by J. H. Potts & Son, Jacksonville; bred by Thomas Denby, Jacksonville; dropped February 12, 1883; sire, Short-Horn; dam,  $\frac{3}{4}$  grade Short-Horn.
- 124—Marston, grade Short-Horn, exhibited by Morrow & Renick, Clintonville, Ky.; bred by Chas. Marston, Ruddles' Mills, Ky.; dropped February 20, 1883; sire, Short-Horn; dam,  $\frac{1}{2}$  grade Short-Horn.
- 125—Link, grade Short-Horn, exhibited by Morrow & Renick, Clintonville, Ky.; bred by Abram Renick, Clintonville, Ky.; dropped December 18, 1882; sire, Short-Horn; dam,  $\frac{3}{4}$  grade Short-Horn.
- 126—White Cedar, grade Short-Horn, exhibited by C. S. Barclay, West Liberty, Ia.; bred by D. W. McCroskey, Tipton, Ia.; dropped November 29, 1882; sire Short-Horn; dam,  $\frac{3}{4}$  grade Short-Horn.
- 127—Captain, grade Holstein, bred and exhibited by Lucien Scott, Leavenworth, Kas.; dropped February 15, 1883; sire, Holstein; dam, native cow.
- 128—Quality, grade Aberdeen-Angus, bred and exhibited by M. H. Cochrane, Compton, Que.; dropped March 9, 1883; sire, Northesh A., 1578; dam, Kilmeny.
- 129—True Blue, grade Short-Horn, bred and exhibited by J. R. Peak & Son, Winchester; dropped March 1, 1883; sire, Short-Horn; dam,  $\frac{3}{8}$  grade Short-Horn.
- 130—Roan Boy, grade Short-Horn, bred and exhibited by J. R. Peak & Son, Winchester; dropped March 10, 1883; sire, Short-Horn; dam,  $\frac{3}{4}$  grade Short-Horn.
- 131—Rocket, grade Short-Horn, bred and exhibited by John D. Gillett, Elkhart; dropped February 12, 1883; sire, 15-16 grade Short-Horn; dam, 15-16 grade Short-Horn.
- 132—Bob, grade Short-Horn, bred and exhibited by John D. Gillett, Elkhart; dropped April 10, 1883; sire, 15-16 grade Short-Horn; dam, 15-16 grade Short-Horn.
- 133—Col. Mills, grade Short-Horn, bred and exhibited by John D. Gillett, Elkhart; dropped March 10, 1883; sire, 15-16 grade Short-Horn; dam, 15-16 grade Short-Horn.
- 134—Red bud Nero, grade Short-Horn, bred and exhibited by T. W. Harvey, Turlington, Neb.; dropped January 20, 1883; sire, Captain Cook; dam, Lady Jane.
- 135—Joseph, grade Hereford, exhibited by Fowler & Van Natta, Fowler, Ind.; bred by Hixson, Earl & Raub, Earl Park, Ind.; dropped December 24, 1882; sire, Hereford; dam,  $\frac{1}{2}$  grade Short-Horn.
- 136—Adams, grade Hereford, exhibited by Fowler & Van Natta, Fowler, Ind.; bred by Hixson, Earl & Raub, Earl Park, Ind.; dropped January 15, 1883; sire, Hereford; dam,  $\frac{1}{2}$  grade Short-Horn.
- 137—Dandy Boy, grade Hereford, bred and exhibited by Fowler & VanNatta, Fowler, Ind.; dropped January 28, 1883; sire, Tredegar 3386; dam,  $\frac{1}{2}$  grade Short-Horn.
- 138—Prospect, grade Hereford, bred and exhibited by B. Hershey, Muscatine, Ia.; dropped March 8, 1883; sire, His Lordship 4969; dam, native cow.
- 139—Confidence, grade Hereford, bred and exhibited by J. R. Price, Williamsville; dropped February 25, 1883; sire, Regulus 2d 6089; dam,  $\frac{3}{4}$  grade Short-Horn.
- 140—Escort, grade Hereford, bred and exhibited by J. R. Price, Williamsville; dropped February 28, 1883; sire, Regulus 2d 6089; dam,  $\frac{3}{4}$  grade Short-Horn.
- 141—Gaines, grade Short-Horn, exhibited by Morrow & Renick, Clintonville, Ky.; bred by H. H. Bradford, Centreville, Ky.; dropped April 28, 1883; sire, Short-Horn; dam,  $\frac{1}{2}$  grade Short-Horn.
- 142—Dick, grade Short-Horn, bred and exhibited by John D. Gillett, Elkhart; dropped July 20, 1883; sire, 15-16 grade Short-Horn; dam, 15-16 grade Short-Horn.
- 143—Fisher, grade Short-Horn, bred and exhibited by John D. Gillett, Elkhart; dropped January 2, 1883; sire, 15-16 grade Short-Horn; dam, 15-16 grade Short-Horn.
- 144—Driver, grade Short-Horn, bred and exhibited by John D. Gillett, Elkhart; dropped March 19, 1883; sire, 15-16 grade Short-Horn; dam, 15-16 grade Short-Horn.

145—Texas Jane, Hereford-Texan, bred and exhibited by C. M. Culbertson, Chicago; dropped May 15, 1883; sire, Hereford; dam, Texan.

146—Peter, Hereford-Jersey, exhibited by Fowler & VanNatta, Fowler, Ind.; dropped June 20, 1883; sire, Hereford; dam, Jersey.

*Steer or Spayed Heifer under 1 year old—10 entries.*

147—Photograph, grade Hereford, exhibited by Indiana Blooded Stock Co., Indianapolis, Ind.; bred by J. A. Funkhouser, Plattensburg, Mo.; dropped January 14, 1884; sire, Invincible (5245); dam, Lina.

148—Pilate, grade Hereford, bred and exhibited by Lucien Scott, Leavenworth, Kas.; dropped February 17, 1884; sire, Gov. Bishop 1482; dam, native cow.

149—Justine, grade Short-Horn, exhibited by John P. Gillett, Elkhart; bred by John D. Gillett, Elkhart; dropped June 26, 1884; sire, 15-16 grade Short-Horn; dam, 15-16 grade Short-Horn.

150—Samson, grade Short-Horn, bred and exhibited by B. Waddel, Marion, O.; dropped January 28, 1884; sire, Short-Horn; dam,  $\frac{1}{2}$  grade Short-Horn.

151—Logan, grade Hereford, bred and exhibited by Fowler & VanNatta, Fowler, Ind.; dropped December 17, 1883; sire, Tregrehan 6203; dam,  $\frac{1}{2}$  grade Short-Horn.

152—Sam, grade Hereford, bred and exhibited by Fowler & VanNatta, Fowler, Ind.; dropped December 14, 1883; sire, Tredegar 3386; dam,  $\frac{1}{2}$  grade Short-Horn.

153—John Yeomans, grade Hereford, exhibited by Tom C. Ponting, Moavequa; bred by P. Clements, Stonington; dropped December 22, 1883; sire, Chief Justice; dam, native cow.

154—Lindall, grade Hereford, bred and exhibited by J. R. Price, Williamsville; dropped November 27, 1883; sire, Regulus 2d 6089; dam,  $\frac{3}{4}$  grade Short-Horn.

155—Leland, grade Hereford, bred and exhibited by J. R. Price, Williamsville; dropped December 6, 1883; sire, Regulus 2d 6089; dam,  $\frac{3}{4}$  grade Short-Horn.

156—Jessie, grade Short-Horn, exhibited by John P. Gillett, Elkhart; bred by John D. Gillett, Elkhart; dropped June 26, 1884; sire, 15-16 grade Short-Horn; dam, 15-16 grade Short-Horn.

## LOT 8—ALL BREEDS AND GRADES BY AGES.

*Steer, Barren or Spayed Cow 3 and under 4 years—29 entries.*

157—Buccleuch, Galloway, exhibited by James J. Hill, St. Paul, Minn.; bred by Mr. McWhinney, Dumfriesshire, Scotland; dropped January 15, 1880; sire, Galloway; dam, Galloway.

158—Cranston, Galloway, exhibited by James J. Hill, St. Paul, Minn.; bred by Mr. McWhinnie, Dumfriesshire, Scotland; dropped January 15, 1880; sire, Galloway; dam, Galloway.

159—Crump, grade Short-Horn, exhibited by John P. Gillett, Elkhart; bred by John D. Gillett, Elkhart; dropped June 17, 1881; sire, 15-16 grade Short-Horn; dam, 15-16 grade Short-Horn.

*Steer or Spayed Heifer 2 and under 3 years—52 entries.*

160—Burleigh's Pride, Hereford-Angus, exhibited by Indiana Blooded Stock Co., Indianapolis, Ind.; bred by H. C. Burleigh, Vassalboro, Me.; dropped January 2, 1882; sire, Ballindallock of Lake Forest 1951; dam, Miss Forelock.

161—Star W., grade Short-Horn, exhibited by J. R. Peak & Son, Winchester; bred by Thos. Wells, Winchester; dropped March 12, 1882; sire, Short-Horn; dam,  $\frac{1}{2}$  grade Short-Horn.

*Steer or Spayed Heifer 1 and under 2 years—28 entries.*

*Steer or Spayed Heifer under 1 year—9 entries.*



## LOT 9—SWEEPSTAKES.

*Best Animal shown in Lot 1—Short-Horns—3 entries.*

*Best Animal shown in Lot 2—Herefords—3 entries.*

*Best Animal shown in Lot 4—Aberdeen-Angus—2 entries.*

*Best Animal shown in Lot 6—Grades or Crosses—4 entries.*

## LOT 10—GRAND SWEEPSTAKES.

*Best Steer, Barren Cow or Spayed Heifer in the Show—13 entries.*

- 162—George Fox, grade Short-Horn, exhibited by John B. Sherman, Chicago; bred by J. C. Black, Fort Dodge, Ia.; dropped May 15, 1880; sire, Short-Horn; dam,  $\frac{1}{2}$  grade Short-Horn.
- 163—S. B. Roath, grade Short-Horn, exhibited by John B. Sherman, Chicago; bred by J. C. Black, Fort Dodge, Ia.; dropped July 15, 1880; sire, Short-Horn; dam,  $\frac{1}{2}$  grade Short-Horn.
- 164—S. Hastings, grade Short-Horn, exhibited by John B. Sherman, Chicago; bred by Mr. Jenkins, LaMoille; dropped December 15, 1879; sire, Short-Horn; dam,  $\frac{3}{4}$  grade Short-Horn.
- 165—J. H. Truman, Short-Horn, exhibited by John B. Sherman, Chicago; bred by William Sandusky, Indianola; dropped April 17, 1880; sire, Short-Horn; dam, Short-Horn.
- 166—Storm, grade Short-Horn, bred and exhibited by John D. Gillett, Elkhart; dropped September 1, 1879; sire, 15-16 grade Short-Horn; dam, 15-16 grade Short-Horn.
- 167—Canada's Pride, grade Short-Horn, exhibited by Canada West Farm Stock Association, Brantford, Ont.; bred by Peter Rennie, Fergus, Ont.; dropped April 3, 1880; sire, British Heir 391; dam, Fanny.
- 168—Renick, Short-Horn, exhibited by Morrow & Renick, Clintonville, Ky.; bred by W. H. Renick, Clintonville, Ky.; dropped January 15, 1880; sire, Breastplate's Leaf 4807; dam, Rosa.
- 169—Grand Chunk, grade Short-Horn, exhibited by T. W. Harvey, Turlington, Neb.; bred by John Ross & Son, Bucyrus, O.; dropped March 2, 1880; sire, Short-Horn; dam,  $\frac{3}{4}$  grade Short-Horn.
- 170—Black Prince, Aberdeen-Angus, exhibited by Geary Bros., London, Ont.; bred by J. Maitland, Belgehardy, Aberdeen, Scotland; dropped February 2, 1880; sire, Black Prince (1356); dam, Lady.

## LOT 11—PEN OF CATTLE.

*Five Steers, Barren or Spayed Cows, 3 and under 4 years—4 entries.*

- 171—White Stockings, grade Short-Horn, exhibited by John P. Gillett, Elkhart; bred by John D. Gillett, Elkhart; dropped June 14, 1881; sire, 15-16 grade Short-Horn; dam, 15-16 grade Short-Horn.

*Five Steers or Spayed Heifers, 2 and under 3 years—12 entries.*

- 172—Harry, grade Short-Horn, bred and exhibited by C. S. Barclay, West Liberty, Ia.; dropped June 30, 1882; sire, Short-Horn; dam,  $\frac{1}{2}$  grade Short-Horn.
- 173—Starlight, grade Short-Horn, exhibited by C. S. Barclay, West Liberty, Ia.; breeder unknown; dropped May 1, 1882; sire, Short-Horn; dam,  $\frac{1}{2}$  grade Short-Horn.
- 174—George, grade Short-Horn, exhibited by C. S. Barclay, West Liberty, Ia.; bred by G. Phillips, West Liberty, Ia.; dropped May 1, 1882; sire,  $\frac{3}{4}$  grade Short-Horn; dam,  $\frac{1}{2}$  grade Short-Horn.
- 175—Tornado, grade Short-Horn, exhibited by J. R. Peak & Son, Winchester; bred by Thos. Wells, Winchester; dropped April 13, 1882; sire, Short-Horn; dam,  $\frac{1}{2}$  grade Short-Horn.
- 176—Winfield, grade Short-Horn, bred and exhibited by J. R. Peak & Son, Winchester; dropped May 9, 1882; sire, Short-Horn; dam,  $\frac{3}{4}$  grade Short-Horn.

- 177—J. C. Bone, grade Short-Horn, exhibited by John B. Sherman, Chicago; bred by R. P. Harrison, Richland; dropped July 3, 1882; sire, Short-Horn; dam,  $\frac{3}{4}$  grade Short-Horn.
- 178—Bob, grade Short-Horn, exhibited by John B. Sherman, Chicago; bred by R. P. Harrison, Richland; dropped May 15, 1882; sire, Short-Horn; dam,  $\frac{3}{4}$  grade Short-Horn.
- 179—Victor, grade Hereford, exhibited by Fowler & Van Natta, Fowler, Ind.; bred by J. R. Price, Williamsville; dropped March 12, 1882; sire, Regulus 2d, 6089; dam,  $\frac{1}{2}$  grade Short-Horn.
- 180—James, grade Hereford, bred and exhibited by Fowler & Van Natta, Fowler, Ind.; dropped May 6, 1882; sire, Grandee 3d, 5381; dam,  $\frac{1}{2}$  grade Hereford.

*Five Steers or Spayed Heifers 1 and under 2 years—4 entries.*

- 181—Benton Will, grade Hereford, bred and exhibited by Fowler & Van Natta, Fowler, Ind.; dropped December 30, 1882; sire, Tredegar, 3386; dam,  $\frac{1}{2}$  grade Short-Horn.

## LOT 12—DRESSED CARCASS.

*Steer, Barren or Spayed Cow 3 and under 4 years—10 entries.*

*Steer or Spayed Heifer 2 and under 3 years—11 entries.*

- 182—Fishback, grade Short-Horn, bred and exhibited by John D. Gillett, Elkhart; dropped May 9, 1882; sire, 15-16 grade Short-Horn; dam, 15-16 grade Short-Horn.

*Steer or Spayed Heifer 1 and under 2 years—6 entries.*

- 183—Deacon No. 2, grade Short-Horn, bred and exhibited by John D. Gillett, Elkhart; dropped March 1, 1883; sire,  $\frac{3}{4}$  grade Short-Horn,  $\frac{1}{4}$  grade Jersey; dam,  $\frac{3}{4}$  grade Short-Horn,  $\frac{1}{4}$  grade Jersey.

- 184—Turley, grade Short-Horn, exhibited by John P. Gillett, Elkhart; bred by George T. James, Elkhart; dropped June 1, 1883; sire, 15-16 grade Short-Horn; dam, 15-16 grade Short-Horn.

*Steer or Spayed Heifer under 1 year—1 entry.*

## LOT 13—DRESSED CARCASS—SWEEPSTAKES.

*Steer, Barren Cow or Spayed Heifer of any age—30 entries.*

- 185—Linnet, Hereford, exhibited by George Leigh & Co., Aurora; bred by G. Child, Penbridge, England; dropped March 14, 1882; sire, Horatius (5390); dam, Butterfly.

## LOT 14—HEAVIEST FAT STEER.

(Open to all ages.)

- 186—Tiny Tim, grade Short-Horn, exhibited by John B. Sherman, Chicago; bred by Mr. Griffiths, Boone Co.; dropped April 15, 1875; sire, Short-Horn; dam, native cow.
- 187—Level Head, grade Hereford, exhibited by John B. Sherman, Chicago; bred by C. M. Culbertson, Chicago; dropped January 15, 1880; sire, Hereford; dam,  $\frac{1}{2}$  grade Short-Horn.

## LOT 15—GAIN PER DAY.

*Steer, Barren Cow or Spayed Heifer showing the greatest average gain per day, including weight at birth—age 3 and under 4 years—11 entries.*

*Steer or Spayed Heifer 2 and under 3 years—18 entries.*

*Steer or Spayed Heifer 1 and under 2 years—16 entries.*

*Steer or Spayed Heifer under 1 year—8 entries.*

## CLASS B—HORSES.

E. C. LEWIS, *Superintendent.*

- 188—J. Irving, exhibited by John Virgin, Fairbury; foaled 1879.
- 189—Conqueror, exhibited by John Virgin, Fairbury; foaled 1882.
- 190—Moulton, exhibited by John Virgin, Fairbury; foaled 1880.
- 191—Courtesan, exhibited by John Virgin, Fairbury; foaled 1881.
- 192—Utah, exhibited by John Virgin, Fairbury; foaled 1879.
- 193—Vanquisher, exhibited by John Virgin, Fairbury; foaled 1879.
- 194—Gray Duke, exhibited by James A. Perry, Wilmington; imported, 1882.
- 195—Kankakee Valley Bob, exhibited by James A. Perry, Wilmington; imported 1884.
- 196—Sonoma Boy, exhibited by James A. Perry, Wilmington; imported 1884.
- 197—Bay Duke, exhibited by James A. Perry, Wilmington; imported 1884.
- 198—Jim Crow, exhibited by James A. Perry, Wilmington; imported, 1884.
- 199—Rouen 1870, exhibited by Degen Bros., Ottawa; foaled 1880.
- 200—Godishon 1868, exhibited by Degen Bros., Ottawa; foaled 1880.
- 201—Porthouse, 1864, exhibited by Degen Bros., Ottawa; foaled 1880.
- 202—Madire 1869, exhibited by Degen Bros., Ottawa; foaled 1881.
- 203—Royal Jack 3128, exhibited by Degen Bros., Ottawa; foaled 1879.
- 204—Amonreux 1867, exhibited by Degen Bros., Ottawa; foaled 1879.
- 205—Strombola 2097, exhibited by Dillon Bros., Normal; foaled 1881; imported.
- 206—Crown Jewel 2070, exhibited by Dillon Bros., Normal; foaled 1879; imported.
- 207—Madame Dupont 1759, exhibited by Dillon Bros., Normal; foaled 1877; imported.
- 208—Casino 2157, exhibited by Dillon Bros., Normal; foaled 1880; imported.
- 209—Modesty G. 998, bred and exhibited by Dillon Bros., Normal; foaled 1876; sire, St. Laurent 753; dam, Gertrude 943.
- 210—Leisure B. 467, bred and exhibited by Dillon Bros., Normal; foaled 1880; sire, St. Laurent 753; dam, Evelena B. 934.
- 211—Moll, exhibited by M. Nash, Chicago.
- 212—Kate, exhibited by M. Nash, Chicago.
- 213—Glen Lochy (3647), exhibited by Brookside Farm Co., Ft. Wayne, Ind., bred by D. McKay, Annan, Scotland; foaled June, 1881; sire, Prince Albert (615); dam, Rose of Annandale, (609).
- 214—Victor 3472, exhibited by Brookside Farm Co., Ft. Wayne, Ind.; bred by R. & T. Sproat, Culdock, Riek & Bright, Scotland; foaled May, 1880; sire, Strathelyde (1533); dam, Bell (1749).
- 215—Lochfergus (2226), exhibited by Brookside Farm Co., Ft. Wayne, Ind., foaled 1881.
- 216—Scott (2397), exhibited by Brookside Farm Co., Ft. Wayne, Ind.; bred by Sir John Inness, Bart., Barff, Scotland; foaled May 9, 1830; sire, Scottish Times (766); dam, May (795).
- 217—Albany, exhibited by Brookside Farm Co., Ft. Wayne, Ind.; bred by Mr. Todd, Auchengray, Scotland; foaled June, 1881; sire, Young Warrior (2541); dam, Rosy.
- 218—Balgrudden Bob, exhibited by Brookside Farm Co., Ft. Wayne, Ind.; foaled 1882.
- 219—Captain Johnson, exhibited by Geo. Leigh & Co., Aurora; foaled 1881.
- 220—Plowman, exhibited by Geo. Leigh & Co., Aurora; foaled 1882.
- 221—Clansman 2146, exhibited by W. S. Blair, New Lenox; bred by John Gormley, Unionville, Ont.; foaled June, 1881; sire, Admiral 2154 (1045); dam, Miss Wallace.
- 222—Jock, exhibited by D. Fischer, Goderich, Ontario; foaled 1881.



- 223—Enterprise, exhibited by D. Fischer, Goderich, Ontario; foaled 1882.
- 224—John, exhibited by D. Fischer, Goderich, Ontario; foaled 1882.
- 225—Derbyshire, exhibited by D. Fischer, Goderich, Ontario; foaled 1882.
- 226—Woodbridge Chief, exhibited by A. Smith, Huron, Ontario.
- 227—Cleveland, exhibited by A. Smith, Huron, Ontario.
- 228—Mary, exhibited by J. H. Truman, Bushnell.
- 229—Elizabeth, exhibited by J. H. Truman, Bushnell.
- 230—Dora, exhibited by J. H. Truman, Bushnell.
- 231—Tom, exhibited by J. H. Truman, Bushnell.
- 232—Pluto, exhibited by J. H. Truman, Bushnell; foaled 1882.
- 233—Stranger, exhibited by J. H. Truman, Bushnell; foaled 1883.
- 234—Philistine, exhibited by J. H. Truman, Bushnell; foaled 1882.
- 235—Mepal Lady, exhibited by J. H. Truman, Bushnell; foaled 1880.
- 236—Indian, exhibited by J. H. Truman, Bushnell; foaled 1872.
- 237—Wonder, exhibited by J. H. Truman, Bushnell; foaled June 5, 1884.
- 238—Lady Wilmington, exhibited by J. Irving Pearce, Jr., Chicago; bred by James Whitten, Wilmington; foaled 1876; sire, Lochiel; dam, by Duke of York.
- 239—What's Wanted, exhibited by James A. Perry, Wilmington; foaled 1880.
- 240—Haddo, exhibited by D. Fischer, Goderich, Ontario; foaled 1876.

## CLASS C—SHEEP.

D. W. VITTUM, JR., *Superintendent.*

### LOT 18—SOUTHDOWNS.

*Wether 2 and under 3 years—7 entries.*

- 241—No. 32, bred and exhibited by J. H. Potts & Son, Jacksonville; dropped March 19, 1882; sire, Lord Throckmorton; dam, No. 32.
- 242—No. 34, bred and exhibited by J. H. Potts & Son, Jacksonville; dropped March 15, 1882; sire, Lord Throckmorton; dam, No. 5.
- 243—Prince, exhibited by J. H. Potts & Son, Jacksonville; bred by John Leach, Jacksonville; dropped March 25, 1882; sire, Southdown; dam, Southdown.
- 244—Henry, exhibited by J. H. Potts & Son, Jacksonville; bred by John Leach, Jacksonville; dropped March 25, 1882; sire, Southdown; dam, Southdown.
- 245—George, exhibited by J. H. Potts & Son, Jacksonville; bred by J. H. Spears, Tallula; dropped March 28, 1882; sire, Southdown; dam, Southdown.
- 246—Dick, exhibited by J. H. Potts & Son, Jacksonville; dropped March 25, 1882; sire, Southdown; dam, Southdown.
- 247—Tom, bred and exhibited by Mrs. Ann Newton, Pontiac, Mich.; dropped April 3, 1882; sire, Shaffer; dam, Matilda.

*Wether 1 and under 2 years—7 entries.*

- 248—Larry, exhibited by J. H. Potts & Son, Jacksonville; bred by John Leach, Jacksonville; dropped April 15, 1883; sire, Southdown; dam, Southdown.
- 249—Patsy, exhibited by J. H. Potts & Son, Jacksonville; bred by John Leach, Jacksonville; dropped April 10, 1883; sire, Southdown; dam, Southdown.
- 250—Ed, exhibited by J. H. Potts & Son, Jacksonville; bred by J. H. Spears, Tallula; dropped April 1, 1883; sire, Charlie 59; dam, Southdown.

- 251—Charlie, exhibited by J. H. Potts & Son, Jacksonville; bred by J. H. Spears, Tallula; dropped April 1, 1883; sire, Charlie 59; dam, Southdown.
- 252—Barney, exhibited by J. H. Potts & Son, Jacksonville; dropped April 1, 1883; sire, Southdown; dam, Southdown.
- 253—Dick, bred and exhibited by Mrs. Ann Newton, Pontiac, Mich.; dropped April 1, 1883; sire, Shaffer; dam, Nelly Bly.
- 254—Erwin, bred and exhibited by B. Waddel, Marion, O.; dropped January 12, 1883; sire, Southdown; dam, Southdown.

*Wether under 1 year—3 entries.*

- 255—Bob, bred and exhibited by J. H. Potts & Son, Jacksonville; dropped February 14, 1884; sire, Harry Webb; dam, Lady Webb 3d 63.
- 256—No. 56, bred and exhibited by J. H. Potts & Son, Jacksonville; dropped February 8, 1884; sire, Harry Webb 97; dam, Belle of Morgan 89.
- 257—Harry, bred and exhibited by Mrs. Ann Newton, Pontiac, Mich.; dropped June 13, 1884; sire, North West; dam, Lady.

## LOT 19—OTHER DOWNS.

*Wether 2 and under 3 years—5 entries.*

- 258—Jumbo, Hampshire, exhibited by Mrs. Ann Newton, Pontiac, Mich.; bred by Mr. Wood, Hampshire, England; dropped March 10, 1882; sire, Exton; dam, Violet.
- 259—Yeoman, Shropshire, exhibited by B. Waddel, Marion, O.; imported; dropped April 1, 1882; sire, Shropshire; dam, Shropshire.
- 260—Harry, Shropshire, exhibited by B. Waddel, Marion, O.; imported; dropped April 10, 1882; sire, Shropshire; dam, Shropshire.
- 261—Sir John, Shropshire, exhibited by B. Waddel, Marion, O.; imported; dropped April 20, 1882; sire, Shropshire; dam, Shropshire.
- 262—Model, Shropshire, exhibited by Frank Willson, Jackson, Mich.; bred by M. Kirby, Guelph, Ont.; dropped March 11, 1882; sire, Shropshire; dam, Shropshire.

*Wether 1 and under 2 years—4 entries.*

- 263—Garfield, Oxford, bred and exhibited by Stone & Loake, Stonington; dropped May 25, 1883; sire, Bedford 639; dam, Oxford.
- 264—Charley, Shropshire, bred and exhibited by Geo. Allen & Son, Archie; dropped April 18, 1883; sire, Patentee 3d; dam, Shropshire.
- 265—Dandy, Hampshire, bred and exhibited by Mrs. Ann Newton, Pontiac, Mich.; dropped March 25, 1883; sire, Granger; dam, Pina.
- 266—David, Shropshire, exhibited by B. Waddell, Marion, O.; imported; dropped January 5, 1883; sire, Shropshire; dam, Shropshire.

*Wether under 1 year—1 entry.*

- 267—Turpin, Hampshire, bred and exhibited by Mrs. Ann Newton, Pontiac, Mich.; dropped April 1, 1884; sire, Granger; dam, Snowdrop.

## LOT 20—COTSWOLDS.

*Wether 2 and under 3 years—2 entries.*

- 268—Mack, exhibited by Frank Willson, Jackson, Mich.; dropped March 12, 1882; sire, Cotswold; dam, Cotswold.
- 269—Murphy, exhibited by Frank Willson, Jackson, Mich.; dropped March 13, 1882; sire, Cotswold; dam, Cotswold.

*Wether 1 and under 2 years—1 entry.*

- 270—Camargo, exhibited by Stone & Loake, Stonington; bred by Morgan & Ponting Moweaqua; dropped May 15, 1883; sire, Hero 1609; dam, Cotswold.

*Wether under 1 year—1 entry.*

- 271—Stonington, exhibited by Stone & Loake, Stonington; bred by T. C. Ponting, Moweaqua; dropped May 10, 1884; sire, Hero 1609; dam, Cotswold.

## LOT 21—LEICESTER OR LINCOLN.

*Wether 2 and under 3 years—1 entry.*

- 272—Billy, Leicester, bred and exhibited by B. Waddel, Marion, O.; dropped October 23, 1882; sire, Freeland No. 24; dam, Perfection No. 45. (Sire and dam recorded in Canada register).

## LOT 22—GRADES OR CROSSES.

*Wether 2 and under 3 years—6 entries.*

- 273—Economy, exhibited by Stone & Loake, Stonington; bred by J. Hudson, Moweaqua; dropped May 20, 1883; sire, Shropshire; dam, native ewe.
- 274—Lue, Shropshire-Southdown, bred and exhibited by Mrs. Ann Newton, Pontiac, Mich.; dropped April 15, 1882; sire, Captor; dam, Mag.
- 275—Jumbo, Oxford-Southdown, bred and exhibited by B. Waddel, Marion, O.; dropped January 10, 1882; sire, Oxford; dam, Oxford-Southdown.
- 276—Jimmy, Oxford-Southdown, bred and exhibited by B. Waddel, Marion, O.; dropped April 20, 1882; sire, Oxford; dam, Oxford-Southdown.
- 277—Ned, Cotswold-Southdown, exhibited by Frank Willson, Jackson, Mich.; bred by M. Kirby, Guelph, Ont.; dropped March 14, 1882; sire, Cotswold; dam, Southdown.
- 278—Ted, Cotswold-Southdown, exhibited by Frank Willson, Jackson, Mich.; bred by M. Kirby, Guelph, Ont.; dropped March 15, 1882; sire, Cotswold; dam, Southdown.

*Wether 1 and under 2 years—12 entries.*

- 279—Smut, grade Oxford, exhibited by Stone & Loake, Stonington; bred by T. C. Ponting, Moweaqua; dropped May 20, 1883; sire, Bedford 639; dam, native ewe.
- 280—Hero, grade Oxford, exhibited by Stone & Loake, Stonington; bred by T. C. Ponting, Moweaqua; dropped May 15, 1883; sire, Bedford 639; dam, native ewe.
- 281—Perfection, grade Oxford, exhibited by Stone & Loake, Stonington; bred by T. C. Ponting, Moweaqua; dropped May 28, 1883; sire, Bedford 639; dam, native ewe.
- 382—Jack, grade Hampshire, exhibited by Stone & Loake, Stonington; bred by Hall Bros., Willey Station; dropped May 6, 1883; sire, Hampshire; dam, native ewe.
- 283—Joe, grade Shropshire, bred and exhibited by George Allen & Son, Archie; dropped April 23, 1883; sire, Patentee 3d; dam, grade ewe.
- 284—Dick, grade Shropshire, bred and exhibited by George Allen & Son, Archie; dropped April 15, 1883; sire, Patentee 3d; dam, native ewe.
- 285—Jack, grade Southdown, exhibited by J. H. Potts & Son, Jacksonville; bred by John Leach, Jacksonville; dropped March 25, 1883; sire, Southdown; dam,  $\frac{1}{2}$  grade Southdown.
- 286—Will, Hampshire-Cotswold, bred and exhibited by Mrs. Ann Newton, Pontiac, Mich.; dropped April 11, 1883; sire, Exton; dam, Mary.
- 287—Harper, grade Southdown, bred and exhibited by B. Waddel, Marion, O.; dropped October 20, 1883; sire, Southdown; dam, native ewe.
- 288—Harvey, grade Oxford, exhibited by B. Waddel, Marion, O.; bred by Stone & Loake, Stonington; dropped May 25, 1883; sire, Oxford; dam, native ewe.
- 289—Smut, grade Oxford, exhibited by B. Waddel, Marion, O.; bred by Stone & Loake, Stonington; dropped May 20, 1883; sire, Oxford; dam, native ewe.
- 290—Jack, Cotswold-Southdown, bred and exhibited by Frank Willson, Jackson, Mich.; dropped April 16, 1883; sire, Cotswold; dam, Southdown.



*Wether under 1 year—6 entries.*

- 291—Sanders, grade Oxford, exhibited by Stone & Loake, Stonington; bred by L. Sanders, Stonington; dropped May 6, 1884; sire, Oxford; dam, native ewe.
- 292—Hudson, grade Hampshire, exhibited by Stone & Loake, Stonington; bred by J. Hudson, Moweaqua; dropped May 26, 1884; sire, Hampshire; dam, native ewe.
- 293—Bob, grade Shropshire, bred and exhibited by Geo. Allen & Son, Archie; dropped May 14, 1884; sire, Patentee 3d; dam, grade ewe.
- 294—Ned, grade Shropshire, bred and exhibited by Geo. Allen & Son, Archie; dropped May 11, 1884; sire, Patentee 3d; dam, grade ewe.
- 295—Bert, Southdown-Cotswold, exhibited by J. H. Potts & Son, Jacksonville; bred by E. M. Chrisman, Merritt; dropped February 12, 1884; sire, Southdown; dam, Cotswold.
- 296—George, Shropshire-Leicester, bred and exhibited by Mrs. Ann Newton, Pontiac, Mich.; dropped April 13, 1884; sire, Captor; dam, Pattie.

## LOT 23—SWEEPSTAKES.

*Wether 2 and under 3 years—4 entries.**Wether 1 and under 2 years—4 entries.**Wether under 1 year—3 entries.*

## LOT 24—GRAND SWEEPSTAKES.

*Best Wether in the Show—3 entries.*

## LOT 25—HEAVIEST FAT SHEEP.

(Open to all.)

*Wether of any age—2 entries.*

## LOT 26—PEN WETHERS.

*Five Fat Wethers 2 and under 3 years—4 entries.*

- 297—Percy, Southdown, bred and exhibited by Mrs. Ann Newton, Pontiac, Mich.; dropped May 4, 1882; sire, Southdown; dam, Southdown.

*Five Fat Wethers under 2 years—4 entries.*

## LOT 27—DRESSED CARCASS.

*Wether 2 and under 3 years—2 entries.**Wether 1 and under 2 years—4 entries.**Wether under 1 year—2 entries.*

## LOT 28—GAIN PER DAY.

*Wether showing greatest average gain per day, including weight at birth—3 entries.*

## CLASS D—SWINE.

DAVID GORE, *Superintendent.*

## LOT 30—BERKSHIRES.

*Barrow 12 and under 18 months—1 entry.*

- 298—Dandy, bred and exhibited by John Gallaher, Floyd; farrowed August 28, 1883; sire, Berkshire; dam, Berkshire.

## LOT 31—POLAND CHINA.

*Barrow 12 and under 18 months—14 entries.*

- 299—Big Black, bred and exhibited by Sam Goodman, Leon, Ia.; farrowed May 30, 1883; sire, Poland China; dam, Poland China.
- 300—Big Abe, bred and exhibited by Sam Goodman, Leon, Ia.; farrowed May 28, 1883; sire, Poland China; dam, Poland China.
- 301—Josoto Chief, exhibited by Stone & Loake, Stonington; bred by W. Leister, Stonington; farrowed May 29, 1883; sire, Jumbo Green 1785; dam, Susie Crow 3996.
- 302—Matchem, bred and exhibited by J. A. Countryman, Rochelle; farrowed September 5, 1883; sire, Jennie Lind's Duke 2129; dam, Poland China.
- 303—Barney, bred and exhibited by J. A. Countryman, Rochelle; farrowed September 6, 1883; sire, Jennie Lind's Duke 2129; dam, Poland China.
- 304—Jay, bred and exhibited by J. A. Countryman, Rochelle; farrowed September 9, 1883; sire, Up and Up 2557; dam, Poland China.
- 305—Noble, bred and exhibited by J. A. Countryman, Rochelle; farrowed September 17, 1883; sire, Up and Up 2557; dam, Poland China.
- 306—Blaine, bred and exhibited by J. A. Countryman, Rochelle; farrowed September 21, 1883; sire, Up and Up 2557; dam, Poland China.
- 307—Rochelle, bred and exhibited by J. A. Countryman, Rochelle; farrowed September 22, 1883; sire, Romeo 2415; dam, Poland China.
- 308—Floyd, bred and exhibited by J. A. Countryman, Rochelle; farrowed September 22, 1883; sire, Up and Up 2557; dam, Poland China.
- 309—David, bred and exhibited by J. A. Countryman, Rochelle; farrowed September 25, 1883; sire, Up and Up 2557; dam, Poland China.
- 310—Ned, bred and exhibited by J. A. Countryman, Rochelle; farrowed September 25, 1883; sire, Up and Up 2557; dam, Poland China.
- 311—Roy, bred and exhibited by J. A. Countryman, Rochelle; farrowed September 27, 1883; sire, Up and Up 2557; dam, Poland China.
- 312—Oscar, bred and exhibited by J. A. Countryman, Rochelle; farrowed September 28, 1883; sire, Up and Up 2557; dam, Poland China.

*Barrow under 1 year—3 entries.*

- 313—X L, bred and exhibited by J. A. Countryman, Rochelle; farrowed March 21, 1884; sire, Countryman's X L 1923; dam, Poland China.
- 314—Will B, bred and exhibited by J. A. Countryman, Rochelle; farrowed April 22, 1884; sire, Countryman's X L 1923; dam, Poland China.
- 315—Duke, bred and exhibited by J. A. Countryman, Rochelle; farrowed April 29, 1884; sire, Jennie Lind's Duke 2129; dam, Poland China.

## LOT 32—CHESTER WHITE AND VICTORIA.

*Barrow 12 and under 18 months—3 entries.*

- 316—Victor, Victoria, bred and exhibited by Stone & Loake, Stonington; farrowed September 28, 1883; sire, Victoria; dam, Victoria.

317—Prince, Victoria, bred and exhibited by Stone & Loake, Stonington; farrowed September 28, 1883; sire, Victoria; dam, Victoria.

318—Prince, Victoria, exhibited by Geo. F. Davis & Co., Dyer, Ind.; bred by Scheidt & Davis, Dyer, Ind.; farrowed July 28, 1883; sire, General Grant; dam, Victoria.

*Barrow under 1 year—1 entry.*

319—Beauty, Victoria, bred and exhibited by Geo. F. Davis & Co., Dyer, Ind.; farrowed June 4, 1884; sire, Lord Wilton; dam, Victoria.

### LOT 33—ESSEX.

*Barrow 12 and under 18 months—1 entry.*

320—George, bred and exhibited by Frank Willson, Jackson, Mich.; farrowed May 30, 1883; sire, Essex; dam, Essex.

*Barrow under 1 year—3 entries.*

321—Frank, bred and exhibited by Frank Willson, Jackson, Mich.; farrowed December 30, 1883; sire, Essex; dam, Essex.

322—Walter, bred and exhibited by Frank Willson, Jackson, Mich.; farrowed December 30, 1883; sire, Essex; dam, Essex.

323—Watson, exhibited by Frank Willson, Jackson, Mich.; bred by W. A. Higgins, Jackson, Mich.; farrowed April 23, 1884; sire, Essex; dam, Essex.

### LOT 34—DUROC JERSEY RED.

*Barrow 12 and under 18 months—5 entries.*

324—Major Winfield, exhibited by Adam Donaldson, Pleasant Valley, Ia.; bred by Ira S. Brainard, Davenport, Ia.; farrowed September 8, 1883; sire, Duroc Jersey Red; dam, Duroc Jersey Red.

325—Prince, bred and exhibited by G. W. Stoner, LaPlace; farrowed May 9, 1883; sire, Nugget of Gold; dam, Primrose 206.

326—Goldson, bred and exhibited by G. W. Stoner, LaPlace; farrowed May 25, 1883; sire, Nugget of Gold; dam, Lady Florence.

327—Fenton, bred and exhibited by G. W. Stoner, LaPlace; farrowed May 17, 1883; sire, Rosemond; dam, Vida 218.

328—Clifton, bred and exhibited by G. W. Stoner, LaPlace; farrowed May 19, 1883; sire, Nugget of Gold; dam, Rubina.

*Barrow under 1 year—3 entries.*

329—Red Boy, bred and exhibited by Adam Donaldson, Pleasant Valley, Ia.; farrowed December 6, 1883; sire, Duroc Jersey Red; dam, Duroc Jersey Red.

330—Red Boy 2d, bred and exhibited by Adam Donaldson, Pleasant Valley, Ia.; farrowed December 6, 1883; sire, Duroc Jersey Red; dam, Duroc Jersey Red.

331—Red Boy 3d, bred and exhibited by Adam Donaldson, Pleasant Valley, Ia.; farrowed December 6, 1883; sire, Duroc Jersey Red; dam, Duroc Jersey Red.

### LOT 35—YORKSHIRE AND SUFFOLK.

*Barrow 12 and under 18 months—3 entries.*

332—Peter, Suffolk, bred and exhibited by Frank Willson, Jackson, Mich.; farrowed October 3, 1883; sire, Suffolk; dam, Suffolk.

333—Carl, Suffolk, bred and exhibited by Frank Willson, Jackson, Mich.; farrowed October 3, 1883; sire, Suffolk; dam, Suffolk.

334—Jerry, Suffolk, bred and exhibited by Frank Willson, Jackson, Mich.; farrowed October 3, 1883; sire, Suffolk; dam, Suffolk.



*Barrow under 1 year—6 entries.*

- 335—John, Yorkshire, bred and exhibited by L. C. Henley, Mattoon; farrowed November 20, 1883; sire, King of York, 107; dam, Princess of York, 223.
- 336—Neff, Yorkshire, bred and exhibited by L. C. Henley, Mattoon; farrowed November 20, 1883; sire, King of York, 107; dam, Princess of York, 223.
- 337—Cam, Yorkshire, bred and exhibited by L. C. Henley, Mattoon; farrowed November 20, 1883; sire, King of York, 107; dam, Princess of York, 223.
- 338—Tom, Suffolk, bred and exhibited by Frank Willson, Jackson, Mich.; farrowed June 4, 1884; sire, Suffolk; dam, Suffolk.
- 339—Jim, Suffolk, bred and exhibited by Frank Willson, Jackson, Mich.; farrowed June 4, 1884; sire, Suffolk; dam, Suffolk.
- 340—Harry, Suffolk, bred and exhibited by Frank Willson, Jackson, Mich.; farrowed June 4, 1884; sire, Suffolk; dam, Suffolk.

## LOT 36—GRADES AND CROSSES.

*Barrow 12 and under 18 months—8 entries.*

- 341—Commodore, grade Duroc, bred and exhibited by Adam Donaldson, Pleasant Valley, Ia.; farrowed May 14, 1883; sire, Duroc Jersey Red; dam, Berkshire-Poland-China.
- 342—Jack, grade Victoria, bred and exhibited by Stone & Loake, Stonington; farrowed September 30, 1883; sire, Victoria; dam, native sow.
- 343—Harry, grade Victoria, bred and exhibited by Stone & Loake, Stonington; farrowed September 30, 1883; sire, Victoria; dam, native sow.
- 344—Dick, grade Victoria, exhibited by Geo. F. Davis & Co., Dyer, Ind.; bred by Scheidt & Davis, Dyer, Ind.; farrowed August 14, 1883; sire, Victoria; dam, native sow.
- 345—Tom, grade Victoria, exhibited by Geo. F. Davis & Co., Dyer, Ind.; bred by Scheidt & Davis, Dyer, Ind.; farrowed August 14, 1883; sire, Victoria; dam, native sow.
- 346—Buck, grade Berkshire, bred and exhibited by John Gallaher, Floyd; farrowed May 10, 1883; sire, Berkshire; dam,  $\frac{1}{2}$  grade Berkshire.
- 347—Bright, grade Berkshire, bred and exhibited by John Gallaher, Floyd; farrowed May 10, 1883; sire, Berkshire; dam,  $\frac{1}{2}$  grade Berkshire.
- 348—Dick, grade Berkshire, bred and exhibited by John Gallaher, Floyd; farrowed May 10, 1883; sire, Berkshire; dam,  $\frac{1}{2}$  grade Berkshire.

*Barrow under 1 year—2 entries.*

- 349—Perfection, Berkshire—Victoria, bred and exhibited by Stone & Loake, Stonington; farrowed January 10, 1884; sire, Berkshire; dam, Victoria.
- 350—Half Breed, Yorkshire—Poland China, bred and exhibited by L. C. Henley, Mattoon; farrowed November 17, 1883; sire, King of York 107; dam, Poland China.

## LOT 37—SWEEPSTAKES.

*Barrow 12 and under 18 months—7 entries.**Barrow under 1 year—6 entries.*

## LOT 38—GRAND SWEEPSTAKES.

*Best Barrow in the Show—2 entries.*

## LOT 39—HEAVIEST FAT HOG.

(Open to all.)

*Heaviest Barrow of any age—5 entries.*

- 351—Chief Zulu, bred and exhibited by A. Jeffrey, Hallsville; farrowed May 26, 1882; sire, Poland China; dam, Poland China.

## LOT 40—PEN BARROWS.

*Five Fat Barrows 12 and under 18 months—5 entries.*

- 352—Little Abe, Poland China, bred and exhibited by Sam Goodman, Leon, Ia.; farrowed May 28, 1883; sire, Poland China; dam, Poland China.
- 353—Little Black, Poland China, bred and exhibited by Sam Goodman, Leon, Ia.; farrowed May 30, 1883; sire, Poland China; dam, Poland China.
- 354—Fred, Poland China, bred and exhibited by Sam Goodman, Leon, Ia.; farrowed June 1, 1883; sire, Poland China; dam, Poland China.
- 355—Orange Boy, Duroc Jersey Red, bred and exhibited by G. W. Stoner, LaPlace; farrowed July 15, 1883; sire, Nugget of Gold; dam, Orphan Girl.
- 356—Langley, Duroc Jersey Red, bred and exhibited by G. W. Stoner, La Place; farrowed July 15, 1883; sire, Nugget of Gold; dam, Orphan Girl.
- 357—Harry, grade Berkshire, bred and exhibited by John Gallaher, Floyd; farrowed May 10, 1883; sire, Berkshire; dam,  $\frac{1}{2}$  grade Berkshire.
- 358—Tom, grade Berkshire, bred and exhibited by John Gallaher, Floyd; farrowed May 10, 1883; sire, Berkshire; dam,  $\frac{1}{2}$  grade Berkshire.

*Five Fat Barrows under 1 year—3 entries.*

- 359—Red Boy 4th, Duroc Jersey Red, bred and exhibited by Adam Donaldson, Pleasant Valley, Ia.; farrowed December 6, 1883; sire, Duroc Jersey Red; dam, Duroc Jersey Red.
- 360—Red Boy 5th, Duroc Jersey Red, bred and exhibited by Adam Donaldson, Pleasant Valley, Ia.; farrowed December 6, 1883; sire, Duroc Jersey Red; dam, Duroc Jersey Red.
- 361—Wheeler, Yorkshire, bred and exhibited by L. C. Henley, Mattoon; farrowed November 20, 1883; sire, King of York 107; dam, Princess of York 223.
- 362—Joe, Poland China, bred and exhibited by J. A. Countryman, Rochelle; farrowed May 8, 1884; sire, Poland China; dam, Poland China.
- 363—Frank, Poland China, bred and exhibited by J. A. Countryman, Rochelle; farrowed May 10, 1884; sire, Poland China; dam, Poland China.

## LOT 41—DRESSED CARCASS.

*Carcass of Barrow 12 and under 18 months—7 entries.*

- 364—Hudson, Duroc Jersey Red, bred and exhibited by G. W. Stoner, LaPlace; farrowed July 15, 1883; sire, Nugget of Gold; dam, Orphan Girl.

*Carcass of Barrow under 1 year old—6 entries.*

## LOT 42—GAIN PER DAY.

*Barrow showing greatest average gain per day, including weight at birth—7 entries.*

# CATALOGUE—CLASS A—CATTLE.

JOHN P. REYNOLDS, SUPERINTENDENT.

No. of stall.....	Name and Postoffice of Exhibitor.	Date of birth.	Age in days.....	Weight November 11, 1884.....	Average gain per day, in pounds, since birth.....	Name of Animal.	Breed.	Color.
1	John D. Gillett, Elkhart, Ill.	Sept. 1, 1879	1,898	2,700	1.47	Storm.....	1-16 Native, 15-16 Short-Horn.....	Red.....
2	"	June 10, 1881	1,250	2,340	1.87	Conover.....	"	Red and white.
3	"	Dec. 1, 1880	1,442	2,170	1.50	Foster.....	"	Red.....
4	"	Jan. 30, 1881	1,382	2,065	1.49	Paul Smith.....	"	"
5	"	May 7, 1881	1,284	1,905	1.49	Crump.....	"	"
6	"	Dec. 4, 1880	1,440	2,186	1.45	L. Dean.....	"	Roan.....
7	"	Dec. 1, 1881	1,076	2,076	1.93	Trump.....	"	"
8	"	Dec. 28, 1881	1,049	1,747	1.66	McVie.....	"	"
9	"	April 28, 1882	928	1,615	1.77	Lookover.....	"	"
10	"	April 5, 1882	951	1,745	1.84	Right About.....	"	"
11	"	June 8, 1882	887	1,745	1.96	J. P. Reynolds.....	"	Red and white.
12	"	May 9, 1882	917	1,530	1.67	Fishback.....	"	Roan.....
13	"	Feb. 12, 1883	639	1,366	2.14	Rocket.....	"	Red.....
14	"	Mar. 19, 1883	603	1,420	2.35	Driver.....	"	"
15	"	Jan. 2, 1883	679	1,250	1.80	Fisher.....	"	"
16	"	April 10, 1883	581	1,250	2.12	Bob.....	"	"
17	"	Mar. 10, 1883	612	1,235	2.02	Col. Mills.....	"	Roan.....
18	"	July 20, 1883	480	1,075	2.24	Dick.....	"	Red.....
19	John P. Gillett, Elkhart, Ill.	Mar. 1, 1883	1,282	1,115	.87	Star.....	¾ Short-Horn, ¼ Jersey.....	Red and white.
20	John D. Gillett, Elkhart, Ill.	June 20, 1881	621	1,111	1.79	Deacon No. 2.....	1-16 Native, 15-16 Short-Horn.....	Red.....
21	John P. Gillett, Elkhart, Ill.	May 1, 1881	1,240	1,850	1.49	Chub.....	"	"
22	"	May 17, 1881	1,240	1,850	1.42	Red Bell.....	"	"
23	"	June 17, 1881	1,243	1,855	1.46	Crump.....	"	"
24	"	June 14, 1881	1,246	1,685	1.35	White Stockings.....	"	Red and white.
25	"	Aug. 29, 1881	1,179	1,925	1.64	Kinthead.....	"	Roan.....
26	"	Dec. 3, 1881	1,074	1,951	1.81	Barney.....	"	Red.....
27	"	Jan. 20, 1882	1,026	1,656	1.61	Red Jacket.....	"	"
28	"	April 6, 1882	950	1,616	1.69	Crockett.....	"	"
29	"	Mar. 12, 1882	975	1,670	1.79	Pointover.....	"	"
30	"	April 10, 1882	946	1,695	1.70	Adams.....	"	Red and white.
31	"	June 1, 1883	550	1,090	2.05	Lurley.....	"	Red.....
32	"	June 26, 1884	138	385	2.78	Justine.....	"	"
33	"	June 26, 1884	138	355	2.57	Jessie.....	"	"



Class A—Cattle—Continued.

No. of stall	Name and Postoffice of Exhibitor.	Date of birth.	Age, in days.	Weight November 11, 1884	Average gain per day, in pounds, since birth.	Name of Animal.	Breed.	Color.
33	Lucien, Scott, Leavenworth, Kan.	Feb. 17, 1884	208	710	2.64	Pilate.	Hereford, $\frac{1}{2}$ Native.	Roan.
34	"	May 24, 1881	1,267	1,905	1.50	Jim Lee	$\frac{1}{2}$ Hereford, $\frac{1}{4}$ Short-Horn, $\frac{1}{4}$ Native	White and bl'k.
35	"	Dec. 29, 1881	1,048	1,800	1.72	Gotlieb	Holstein	"
36	"	Feb. 27, 1882	988	1,675	1.69	Boots.	$\frac{1}{2}$ Holstein, $\frac{1}{2}$ Native	"
37	"	Feb. 15, 1883	635	1,405	2.21	Captain.	"	"
38	Buchanan Bros., Chicago, Ill.	April 20, 1883	570	.....	.....	Maartze Sales.	Holstein.	"
39	"	Mar. 17, 1883	605	.....	.....	Jetje Hern.	"	"
40	"	Mar. 25, 1883	597	.....	.....	Nelly.	"	"
41	"	April 30, 1883	560	.....	.....	Trintie Stilma.	"	"
42	"	April 5, 1883	585	.....	.....	Gretje Stilma.	"	"
43	"	Mar. 7, 1883	615	.....	.....	Jetjeke Browner.	"	"
44	"	July 8, 1883	492	.....	.....	Duke of Niagara.	"	"
45	"	Jan. 27, 1883	654	1,105	1.84	Baron Constance.	Short-Horn	White.
46	Harvey Sadowsky, Indianapolis, Ill.	Mar. 4, 1883	618	1,320	2.13	Cunningham.	"	Roan.
47	"	Mar. 2, 1883	620	1,176	1.89	Joe Cannon.	"	"
48	"	Jan. 25, 1883	656	1,330	2.02	Gen. Custer.	"	"
49	"	Mar. 1, 1883	621	1,185	1.90	Cambria's Geneva.	"	White.
50	C. M. Culbertson, Chicago, Ill.	May 15, 1883	546	1,015	1.84	Texas Jane.	$\frac{1}{2}$ Hereford, $\frac{1}{2}$ Texan.	Red and white.
51	"	Feb. 15, 1882	1,000	1,560	1.56	Savage.	$\frac{3}{4}$ Hereford, $\frac{1}{4}$ Short-Horn.	"
52	"	April 15, 1882	941	1,500	1.66	Fisher.	"	"
53	"	April 15, 1882	941	1,650	1.75	Landrigan.	$\frac{1}{2}$ " $\frac{1}{2}$ "	"
54	"	May 1, 1882	926	1,630	1.76	Funk.	$\frac{1}{4}$ " $\frac{1}{4}$ "	"
55	"	Nov. 30, 1881	1,077	1,785	1.65	Choctaw.	Hereford.	"
56	C. S. Barelay, West Liberty, Iowa.	Nov. 28, 1882	714	1,270	1.77	Snow Ball.	Short-Horn	White.
57	"	Nov. 29, 1882	713	1,410	1.97	White Cedar.	$\frac{1}{2}$ Native, $\frac{1}{2}$ Short-Horn.	"
58	"	May 1, 1882	925	1,440	1.55	Starlight.	$\frac{1}{4}$ " $\frac{3}{4}$ "	Roan.
59	"	April 17, 1882	939	1,535	1.64	McCroskey.	$\frac{1}{2}$ " $\frac{1}{2}$ "	"
60	"	"	.....	1,600	.....	Lady Lyon.	Short-Horn	"
61	"	"	.....	1,840	.....	Bob.	$\frac{1}{2}$ Short-Horn, $\frac{1}{2}$ Native	Red.
62	"	Aug. 16, 1881	1,183	1,540	1.30	John.	$\frac{1}{2}$ Native, $\frac{1}{2}$ Short-Horn.	Red and white.
63	"	June 30, 1882	865	1,450	1.67	Harry.	$\frac{1}{4}$ " $\frac{3}{4}$ "	Roan.
64	"	June 29, 1882	866	1,460	1.68	Mate.	"	"
65	"	May 1, 1882	925	1,505	1.62	George.	$\frac{1}{2}$ " $\frac{1}{2}$ "	Red.
66	G. S. Burleigh, Mechanicsville, Iowa.	Feb. 11, 1881	1,370	1,695	1.17	Beauty.	"	Red and white.
67	C. S. Barelay, West Liberty, Iowa.	Sept. 15, 1881	1,153	1,750	1.51	Chunky.	Hereford	"
68	"	July 4, 1881	1,226	1,800	1.51	Cambria Boy, 2d.	Short-Horn	Red.

69	C. S. Barelay, West Liberty, Iowa	Sept. 17, 1881	1,151	1,830	1,59 Champion 2d	Short-Horn	Roan
70	"	June 1, 1881	1,259	1,805	1.43 Jerry	$\frac{1}{8}$ Native, $\frac{3}{8}$ Short-Horn	Red
71	"	June 25, 1881	1,235	1,955	1.38 Dick	"	"
72	"	April 7, 1882	949	1,806	1.90 Red Cedar	"	"
73	"	Mar. 1, 1882	987	1,715	1.74 Thompson	"	"
74	"	Mar. 24, 1882	964	1,760	1.82 Cox	Short-Horn	"
75	"	June 1, 1882	894	1,770	1.98 Joe Gault	"	"
76	"	Nov. 22, 1881	1,085	1,805	1.66 Hepoo	"	"
77	Jno. B. Sherman, Chicago, Ill.	April 15, 1875	3,498	3,220	.92 Tiny Tim	$\frac{1}{2}$ Native, $\frac{1}{2}$ Short-Horn	"
78	"				Level Head	$\frac{1}{4}$ Native, $\frac{3}{4}$ Short-Horn, $\frac{1}{2}$ Hereford	Red and white.
79	"	Jan. 15, 1880	1,702	2,440	1.38 George Fox	$\frac{1}{8}$ Native, $\frac{1}{8}$ Short-Horn	Roan
80	"	May 15, 1880	1,641	2,395	1.46 L. Hastings	$\frac{1}{8}$ Native, $\frac{3}{8}$ Short-Horn	Red
81	"	Dec. 15, 1879	1,792	2,375	2.04 J. C. Bone	Short-Horn	Roan
82	"	July 2, 1882	863	1,762	1.38 J. H. Truman	"	"
83	"	April 17, 1880	1,669	2,312			
84	"	Mar. 25, 1882	962	1,715	1.78 Albright	$\frac{1}{8}$ Nat., $\frac{7}{8}$ Short-H'n, $\frac{1}{2}$ Hereford	Roan
85	Jno. B. Sherman, Chicago, Ill.	April 15, 1882	911	1,755	1.86 Burney	$\frac{1}{8}$ Native, $\frac{3}{8}$ Short-Horn	Red and white.
86	"	May 20, 1882	906	1,695	1.87 Richland	"	Red
87	"						
88	"						
89	"						
90	Jno. B. Sherman, Chicago, Ill.	June 15, 1882	880	1,120	1.38 Sandy	Highlander	Yellow-red
91	"	May 15, 1882	911	1,640	1.80 Bob	$\frac{3}{8}$ Native, $\frac{3}{8}$ Short-Horn	Red and white.
92	"	Feb. 1, 1881	1,379	1,967	1.43 White Cloud	Short-Horn	White
93	"						
94	"	Mar. 21, 1881	1,331	2,125	1.75 Capt. Cook	$\frac{1}{2}$ Hereford, $\frac{1}{2}$ Short-Horn	Red and white.
95	Jno. B. Sherman, Chicago, Ill.	Mar. 1, 1881	1,351	2,295	1.75 Sangamon	"	Red
96	"	July 15, 1880	1,580	2,295	1.45 S. B. Roath	$\frac{1}{8}$ Native, $\frac{1}{8}$ Short-Horn	Red and white.
97	Jno. B. Sherman, Chicago, Ill.	Mar. 25, 1883	597	1,365	2.29 Victor	$\frac{1}{8}$ Native, $\frac{3}{8}$ Short-Horn	Roan
98	Jno. B. Sherman, Chicago, Ill.	Feb. 12, 1883	638	1,335	2.09 Major Denby	"	Red
99	J. H. Potts & Son, Jacksonville, Ill.	Mar. 24, 1883	598	1,385	2.32 Red Cloud	"	"
100	"	Mar. 20, 1883	602	1,238	2.06 Richmond	"	"
101	"	May 20, 1883	541	1,270	2.35 Frank	Short-Horn	Roan
102	"	April 27, 1881	1,294	1,865	1.44 Roan Gauntlet	Short-Horn	Roan
103	"	Mar. 3, 1881	1,349	2,165	1.60 Porter	$\frac{3}{8}$ Native, $\frac{3}{8}$ Short-Horn	Red
104	"	Feb. 4, 1882	1,011	1,785	1.76 Fred	"	Red
105	"	Mar. 4, 1881	1,348	2,111	1.56 Ringold	"	Roan
106	"	Jan. 1, 1880	1,777	2,325	1.30 Snowbank	"	White
107	"	1877	1,670		Lady Chest 14th	"	Red
108	C. S. Barelay, West Liberty, Iowa	Jan. 20, 1883	661	1,055	1.59 Redbud Nero	$\frac{1}{8}$ Native, $\frac{1}{8}$ Short-Horn	Red
109	"	Feb. 16, 1882	634	1,316	2.07 Paris Favorite	Angus	Can. brindle
110	"	Oct. 23, 1882	750	1,420	1.89 Sonstie Lad	Short-Horn	White
111	"	May 15, 1882	911	1,600	1.75 Half and Half	$\frac{1}{2}$ Short-Horn, $\frac{1}{2}$ Native	Red
112	"	Dec. 25, 1881	1,052	1,768	1.68 Quality	$\frac{3}{8}$ Native, $\frac{3}{8}$ Short-Horn	"
113	T. W. Harvey, Burlington, Neb.						
114	"						
115	"						
116	"						
117	"						
118	"						
119	"						
120	"						

No. of Stall



158	"	"	April 6, 1882	950	1,655	1.74	Champion..	Hereford	"
159	"	"	April 5, 1882	951	1,555	1.73	Maine Boy	Hereford	"
160	"	"	April 27, 1882	929	1,575	1.69	Fisherman	1-16 Native, 15-16 Hereford	"
161	"	"	May 4, 1882	922	1,425	1.51	Stokes-ay	Hereford	"
162	"	"	Jan. 26, 1883	655	1,250	1.81	Rosy Duke	"	"
163	"	"	Jan. 13, 1883	668	1,220	1.88	Tidy Boy	"	"
164	Ind. Wooded Stock Co., Indianapolis, Ind.	"	Jan. 2, 1882	1,044	1,660	1.58	Burleigh's Pride	1/2 Hereford, 1/2 Aberdeen-Angus	B. and W. F.
165	"	"	Jan. 14, 1884	302	732	2.52	Photograph	3/4 Native, 1/4 Sh. Hn. 1/2 Hereford	Red and white.
166	"	"	Sept. 28, 1883	410	1,125	2.74	Blaine	Aberdeen-Angus.	Red
167	"	"	Oct. 8, 1883	400	975	2.43	Logan	Hereford	Black
168	J. B. Jones, Cherry Valley, Ia.	"	Feb. 7, 1884	278	.....	.....	Duke of Newbury	Hereford	Red and white.
170	"	"	Sept. 4, 1881	1,164	1,375	1.18	Hattie	Grade Hereford	Red and white.
171	G. S. Burleigh, Mechanicsville, Ia.	"	Jan. 6, 1882	1,040	1,675	1.61	Rettie	1/2 Short-Horn, 1/2 Aberdeen-Angus	Black
172	James J. Hill, St. Paul, Minn.	"	Feb. 26, 1882	989	2,100	2.12	Hutcheon	1/2 Aberdeen-Angus, 3/4 Short-Horn	Blue Roan
173	"	"	Dec. 10, 1881	1,067	1,880	1.76	McKessack	1/2 Aberdeen-Angus, 1/2	Black
174	"	"	Mar. 15, 1882	941	1,685	1.79	Kinloss	"	"
175	"	"	April 15, 1882	1,021	1,735	1.69	Juniff	"	"
176	"	"	Jan. 22, 1882	658	1,575	2.39	Benholm	Aberdeen-Angus	"
177	"	"	Jan. 23, 1883	1,762	1,950	1.10	Cranston	Galloway	"
178	"	"	Jan. 15, 1880	1,762	2,055	1.84	Buceleuch	"	"
179	J. R. Peak & Son, Winchester, Ill.	"	Mar. 12, 1882	975	1,795	1.84	Star W.	1/4 Native, 3/4 Short-Horn	Red
180	"	"	April 13, 1882	943	1,710	1.81	Tornado	1/4 " 3/4	"
181	"	"	May 9, 1882	917	1,620	1.76	Windfeld	1/4 " 3/4	"
182	"	"	Mar. 15, 1882	972	1,565	1.61	Harry Clay	"	"
183	"	"	June 15, 1882	880	1,600	1.81	Gold King	"	"
184	"	"	April 27, 1882	929	1,660	1.77	Boss	1/4 " 3/4	"
185	"	"	Mar. 1, 1883	621	1,345	2.16	True Blue	1-16 " 15-16	"
186	"	"	Mar. 10, 1883	612	1,240	2.02	Roan Boy	1/2 " 1/2	Roan
187	J. R. Price, Williamsville, Ill.	"	Feb. 25, 1883	625	1,240	1.98	Confidence	Short Horn, 1/2 Nat. 1/2 Hereford	Red and white.
188	"	"	Feb. 28, 1883	622	1,190	1.91	Escort	1/2 Hereford, 3/4 Short-Horn, 1/4 Native	"
189	"	"	Nov. 27, 1883	350	920	2.62	Lindall	"	"
190	"	"	Dec. 6, 1883	341	865	2.53	Leland	"	"
191	Adams Earl, Lafayette, Ind.	"	June 9, 1882	886	1,535	1.73	Whitface	1/4 Native, 1/4 Short-Horn, 1/2 Hereford	Red and white.
192	"	"	June 19, 1882	876	1,590	2.00	Shadeland	Hereford	R. and W. F.
193	"	"	Jan. 22, 1881	1,389	2,075	1.49	Hooster	1/2 Hereford, 1/4 Short-Horn, 1/4 Native	"
194	Fowler & Van Natta, Fowler, Ind.	"	April 20, 1881	1,301	2,300	1.76	Benton's Champ	1-16 " 1/4	"
195	"	"	April 14, 1881	1,307	2,150	1.64	Price	1/2 " 1/4	"
196	"	"	Oct. 20, 1881	1,118	1,755	1.56	Rogers	Hereford, 1/4 Native	"
197	"	"	May 24, 1882	902	1,825	2.05	McGregor	1/2 Hereford, 1/4 Short-Horn, 1/4 Nat.	"
198	"	"	Mar. 30, 1882	957	1,885	1.97	Regulus	"	"
199	"	"	Dec. 28, 1881	1,049	1,795	1.71	Noble Boy	"	"
200	"	"	Mar. 12, 1882	975	1,695	1.74	Victor	"	"

No. of Stall.....	Name and Postoffice of exhibitor.	Date of birth.	Age in days.....	Weight Nov. 11, 1884.....	Average gain per day in lbs. since birth.....	Name of Animal.	Breed.	Color.
210	Fowler & Van Natta, Fowler, Ind.	May 6, 1882	920	1,715	1.86	James	$\frac{3}{4}$ Hereford, $\frac{1}{4}$ Short-Horn, $\frac{1}{4}$ Nat.	R. and W. F.
211	"	Feb. 6, 1881	1,374	1,560	1.13	Artless	Hereford	"
212	"	Dec. 21, 1881	1,056	1,405	1.33	Robert	"	"
213	"	Dec. 21, 1881	1,056	1,405	1.33	Robert	"	"
214	"	Dec. 21, 1882	688	1,530	2.22	Joseph	$\frac{1}{2}$ Hereford, $\frac{1}{4}$ Short-Horn, $\frac{1}{4}$ Nat.	Roan
215	"	Jan. 28, 1883	654	1,470	1.98	Dandy Boy	"	R. and W. F.
216	"	Dec. 30, 1882	682	1,350	1.98	Benton Will	"	"
217	"	Jan. 15, 1883	667	1,475	2.21	Adams	"	"
218	"	Dec. 14, 1882	698	1,300	1.86	Tempest	Hereford	"
219	"	Dec. 17, 1883	380	850	2.57	Logan	$\frac{1}{2}$ Hereford, $\frac{1}{4}$ Short-Horn, $\frac{1}{4}$ Nat.	"
220	"	Dec. 14, 1883	335	840	2.52	Sam	"	"
221	"	June 20, 1883	510	860	1.69	Peter	$\frac{1}{2}$ Hereford, $\frac{1}{2}$ Jersey	Roan
222	Geo. Leigh & Co., Aurora, Ill.	Mar. 14, 1881	973	1,455	1.49	Linnet	Hereford	R. and W. F.
223	J. W. Sherman, Chester Centre, Iowa.					Iowa Chieftain	Holstein	Black and white
224	T. B. Wales & Son, Iowa City, Iowa.					Prince Ripon	"	"
225	"					Syke	"	"
226	"					Intia	"	"
227	"					Petrea	"	"
228	"					Gerdia	"	"
229	"					Jetske Stilma	"	"
230	"					Jaap	"	"
231	"					Friesland Maid	"	"
232	"					Ytje	"	"
233	"					Teitje	"	"
234	"					Antje	"	"
235	"					Mink	"	"
236	"					Overlooper	"	"
237	"					Jepma 2d	"	"
238	"					Vreda	"	"
239	"					Tritomia	"	"
240	"					Marie 2d	"	"
241	"					Durk	"	"
242	"					Tourmaline	Holstein	Black and white
243	"	Mar. 14, 1881	1,338	1,450	1.08	Minerva	"	"
244	"	Mar. 4, 1876	1,338	1,450	1.08	Minerva	"	"
245	"		3,174	1,920	.60	Minerva	"	"

Sale Cattle.

246	M. H. Cochrane, Compton, P. Q.	Mar.	9, 1883	613	1,278	2.08 Quality	1/4 W. Hghl'd, 1/4 S.-H., 1/2 Ab'n-Angus	Blue gray.
247	A. M. Winslow's Sons, Kankakee, Ill.	Jan.	7, 1881	1,404	1,890	1.35 Netherwood Jock	Aberdeen-Angus	Black
248		Oct.	25, 1883	383	930	2.43 Daisy Boy	Short-Horn	
249	Geary Bros., London, Ont.	Feb.	2, 1880	1,744	2,488	1.43 Black Prince	Aberdeen-Angus	Black
250	Am. Ab.-Angus Ass'n, Independence, Mo.	Aug.	2, 1882	882	1,652	1.98 Abernethy	1/2 Ab'n-Angus, 1/4 S.-H., 1/4 Native	Bluish gray
251	James R. Anderson, Anderson, O.	Aug.	4, 1881	1,195	2,103	1.76 Chicago	Short-Horn	Red and white
252	B. Waddel, Marion, O.	Nov.	12, 1881	1,097	1,952	1.78 Dan	1/2 Native, 1/4 Short-Horn	Red
253		Dec.	2, 1881	1,075	1,652	1.54 Ohio Belle	1/2 Hereford, 1/4 Short-Horn	Red and white
254		Mar.	25, 1883	597	1,495	2.50 Orlo	Short-Horn	Red
255		Jan.	23, 1884	288	932	3.24 Samson	1-16 Native, 15-16 Short-Horn	Roan
256	M. H. Cochrane, Compton, Quebec	May	31, 1883	530		Parent	Hereford	
257		July	27, 1883	474		Loveliness		
258		Nov.	17, 1883	360		Twilight		
259		Dec.	15, 1883	382		Cornflower		
260		Nov.	12, 1883	319		Squire Evelyn		
261		Nov.	9, 1883	318		Gentleman		
262		Aug.	30, 1883	449		Sir Nicholas		
263		July	10, 1883	491		Duke Harry		
264	J. H. Truman, Bushnell, Ill.						Short-Horn	
265							"	
266							"	
267							"	
268	Buchanan Bros., Chicago, Ill.	April 24, 1883		567		Kittie Tjetsi	Holstein	
269		Mar.	6, 1883	616		Jaarsma		
270								

Sale Cattle.







First premium, \$30, to steer Bedford No. 1, exhibited by Morrow & Renick, Clintonville, Ky.

Second premium, \$20, to steer Weathers, exhibited by Morrow & Renick, Clintonville, Ky.

Third premium, \$10, to steer Schooler, exhibited by Morrow & Renick, Clintonville, Ky.

Steer or Spayed Heifer 1 and under 2 years.

No.	Exhibiter.	Age, in days, Nov. 11, 1884.....	Weight Nov. 11, 1884.....	Average gain per day, in pounds, since birth.....	Name of Animal.
21	J. H. Potts & Son, Jacksonville .....	541	1,270	2.35	Frank.....
22	Morrow & Renick, Clintonville, Ky..	625	1,370	2.19	Swift.....
23		574	1,180	2.05	Cunningham.....
24	C. S. Barclay, West Liberty, Ia.....	714	1,270	1.77	Snow Ball.....
25	B. Waddel, Marion, O.....	597	1,495	2.50	Orio.....
26	A. M. Winslow's Sons, Kankakee.....	383	930	2.43	Daisy Boy.....
27	Harvey Sadowski, Indianola.....	656	1,330	2.02	Gen. Custer.....
28	" " " ".....	618	1,320	2.15	L. Cunningham.....
29	" " " ".....	621	1,185	1.90	Cambria's Geneva.....
Average.....		592	1,261	2.13	

First premium, \$30, to steer Swift, exhibited by Morrow & Renick, Clintonville, Ky.

Second premium, \$20, to steer Orio, exhibited by B. Waddel, Marion, O.

Third premium to steer Frank, exhibited by J. H. Potts & Son, Jacksonville.

LOT 2—HEREFORDS.

Steer, Barren or Spayed Cow 3 and under 4 years.

No.	Exhibiter.	Age, in days, Nov. 11, 1884.....	Weight Nov. 11, 1884.....	Average gain per day, in pounds, since birth.....	Name of Animal.
30	Adams Earl, Lafayette, Ind.....	1,389	2,075	1.49	Hoosier.....
31	Fowler & Van Natta, Fowler, Ind.....	1,374	1,560	1.13	Artless.....
Average.....		1,381	1,817	1.31	

First premium, \$30, to steer Artless, exhibited by Fowler & Van Natta, Fowler, Ind.

Second premium, \$20, to steer Hoosier, exhibited by Adams Earl, Lafayette, Ind.



## Steer or Spayed Heifer 2 and under 3 years.

No.	Exhibiter.	Age, in days, Nov. 11, 1884.....	Weight Nov. 11, 1884.....	Average gain per day, in pounds, since birth.....	Name of Animal.
32	Indiana Blooded Stock Co., Indianapolis, Ind.....	950	1,655	1.74	Champion.....
33	Indiana Blooded Stock Co., Indianapolis, Ind.....	922	1,425	1.51	Stokesay.....
34	Indiana Blooded Stock Co., Indianapolis, Ind.....	951	1,555	1.73	Maine Boy.....
35	Indiana Blooded Stock Co., Indianapolis, Ind.....	954	1,692	1.77	Cornwall.....
36	Indiana Blooded Stock Co., Indianapolis, Ind.....	996	1,860	1.86	Prince.....
37	Indiana Blooded Stock Co., Indianapolis, Ind.....	902	1,775	1.96	Suspense.....
38	C. M. Culbertson, Chicago.....	1,077	1,785	1.65	Choctaw.....
39	Fowler & Van Natta, Fowler, Ind....	1,056	1,405	1.33	Robert.....
	Average.....	976	1,644	1.68	

First premium, \$30, to steer Prince exhibited by the Indianapolis Blooded Stock Co., Indianapolis, Ind.

Second premium, \$20, to steer Suspense, exhibited by the Indianapolis Blooded Stock Co., Indianapolis, Ind.

Third premium, \$10, to steer Cornwall, exhibited by the Indianapolis Blooded Stock Co., Indianapolis, Ind.

## Steer or Spayed Heifer 1 and under 2 years.

No.	Exhibiter.	Age, in days, Nov. 11, 1884.....	Weight Nov. 11, 1884.....	Average gain per day, in pounds, since birth.....	Name of Animal.
40	Indiana Blooded Stock Co., Indianapolis, Ind.....	668	1,220	1.88	Tidy Boy.....
41	Indiana Blooded Stock Co., Indianapolis, Ind.....	655	1,250	1.81	Rosy Duke.....
42	Fowler & Van Natta, Fowler, Ind....	698	1,300	1.86	Tempest.....
43	B. Hershey, Muscatine, Ia.....	709	1,377	1.93	Champion.....
	Average.....	682	1,287	1.89	

First premium, \$30, to steer Rosy Duke, exhibited by Indiana Blooded Stock Co., Indianapolis, Ind.

Second premium \$20, to steer Tidy Boy, exhibited by Indiana Blooded Stock Co., Indianapolis, Ind.

Third premium, \$10, to steer Tempest, exhibited by Fowler & Van Natta, Fowler, Ind.

# LOT 4—ABERDEEN-ANGUS.

Steer, Barren or Spayed Cow 3 under 4 years.

No.	Exhibiter.	Age in days, Nov. 11, 1884.....	Weight Nov. 11, 1884.....	Average gain per day in pounds since birth.....	Name of Animal.
44	M. H. Cochrane, Compton, Que.....	1,404	1,890	1.35	Netherwood Jock.....

First premium, \$30, to steer Netherwood Jock, exhibited by M. H. Cochrane, Compton, Quebec.

Steer or Spayed Heifer 1 and under 2 years.

No.	Exhibiter.	Age in days, Nov. 11, 1884.....	Weight Nov. 11, 1884.....	Average gain per day in pounds since birth.....	Name of Animal.
45	Indiana Blooded Stock Co. Indianapolis, Ind.....	410	1,125	2.74	Blaine .....
46	Indiana Blooded Stock Co. Indianapolis, Ind.....	400	975	2.43	Logan .....
47	T. W. Harvey, Turlington, Neb.....	634	1,316	2.07	Paris Favorite.....
48	Jas. J. Hill, St. Paul, Minn.....	658	1,575	2.39	Benholm .....
	Average .....	525	1,248	2.38	

First premium, \$30, to steer Paris Favorite, exhibited by T. W. Harvey, Turlington, Nebraska.

Second premium, \$20, to steer Blaine, exhibited by Indiana Blooded Stock Co., Indianapolis, Ind.

Third premium, \$10, to steer Logan, exhibited by Indiana Blooded Stock Co., Indianapolis, Ind.

# LOT 5—HOLSTEIN OR FRIESIAN.

Steer, Barren or Spayed Cow 3 and under 4 years.

No.	Exhibiter.	Age in days, Nov. 11, 1884.....	Weight Nov. 11, 1884.....	Average gain per day in pounds since birth.....	Name of Animal.
49	Thos. B. Wales, Jr., Iowa City, Ia....	1,338	1,450	1.08	Tourmaline .....

Second premium, \$20, to cow Tourmaline, exhibited by Thos. B. Wales, Jr., Iowa City, Ia.

## Steer or Spayed Heifer 2 and under 3 years.

No.	Exhibiter.	Age in days, Nov. 11, 1884 .....	Weight Nov. 11, 1884 .....	Average gain per day in pounds, since birth. ....	Name of Animal.
50	Lucien Scott, Leavenworth, Kan. ....	1,048	1,800	1.72	Gottlied.....

Second premium, \$20, to steer Gottlied, exhibited by Lucien Scott, Leavenworth, Kansas.

## LOT 6—GRADES AND CROSSES.

## Steer, Barren or Spayed Cow 3 and under 4 years.

No.	Exhibiter.	Age in days, Nov. 11, 1884 .....	Weight, Nov. 11, 1884 .....	Average gain per day in pounds, since birth. ....	Name of Animal.	Breed.
51	J. H. Potts & Son, Jacksonville.	1,349	2,165	1.60	Porter .....	Gr. Short-Horn.
52	J. H. Potts & Son, Jacksonville.	1,348	2,111	1.56	Ringold.....	" " "
53	Morrow & Renick, Clintonville, Ky.	1,290	2,182	1.61	Proctor.....	" " "
54	C. S. Barclay, West Liberty, Iowa.	1,235	1,955	1.58	Dick .....	" " "
55	C. S. Barclay, West Liberty, Iowa.	1,259	1,805	1.43	Jerry.....	" " "
56	Can. W. Farm Stock Ass'n, Brantford, Ont.	1,306	2,316	1.77	President.....	" " "
57	John B. Sherman, Chicago.	1,351	2,295	1.75	Sangamon.....	Hereford Sh.-H'n
58	" " " "	1,331	2,125	1.75	Capt. Cook.....	" " "
59	Jno. P. Gillett, Elkhart.....	1,170	1,925	1.64	Kinkead.....	Gr. Short-Horn.
60	" " " "	1,290	1,835	1.42	Red Bell.....	" " "
61	" " " "	1,240	1,850	1.49	Chub .....	" " "
62	Jno. D. Gillett, Elkhart.....	1,250	2,340	1.87	Conover.....	" " "
63	" " " "	1,442	2,170	1.50	Foster .....	" " "
64	" " " "	1,382	2,065	1.49	Paul Smith.....	" " "
65	" " " "	1,439	2,186	1.45	L. Dean.....	" " "
66	" " " "	1,284	1,905	1.49	Crump.....	" " "
67	B. Waddel, Marion, O.	1,095	1,952	1.78	Dan.....	" " "
68	Fowler & VanNatta, Fowler, Ind.	1,307	2,150	1.64	Price.....	Grade Hereford..
69	Fowler & VanNatta, Fowler, Ind.	1,301	2,300	1.76	Benton's Champion.....	" " "
70	Fowler & VanNatta, Fowler, Ind.	1,118	1,755	1.56	Rogers .....	" " "
71	Jno. Ross & Son, Bucyrus, Ohio.	1,250	2,265	1.81	Charley Ross .....	Gr. Short-Horn.
72	Lucien Scott, Leavenworth, Kansas.	1,267	1,905	1.50	Jim Lee .....	Grade Hereford..
Average.....		1,286	2,071	1.61		

First premium, \$30, to steer Charley Ross, exhibited by Jno. Ross & Son, Bucyrus, O.

Second premium, \$20, to steer Porter, exhibited by J. H. Potts & Son, Jacksonville, Ill.

Third premium, \$10, to steer Benton's Champion, exhibited by Fowler & VanNatta, Fowler, Ind.



## Steer or Spayed Heifer 2 and under 3 years.

No.	Exhibiter,	Age in days, Nov. 11, 1884.....	Weight Nov. 11, 1884.....	Average gain per day in pounds, since birth.....	Name of Animal.	Breed.
73	J. H. Potts & Son, Jackson-ville	1,011	1,785	1.76	Fred .....	Gr. Short-Horn..
74	Morrow & Renick, Clinton-ville, Ky.	1,053	2,048	1.94	Eales.....	" "
75	C. S. Barclay, West Liberty, Ia.	987	1,715	1.74	Thompson.....	" "
76	C. S. Barclay, West Liberty, Ia.	949	1,806	1.90	Red Cedar.....	" "
77	C. S. Barclay, West Liberty, Ia.	939	1,535	1.64	McCroskey.....	" "
78	C. S. Barclay, West Liberty, Ia.	866	1,460	1.68	Mate.....	" "
79	Ind. Blooded Stock Co., In-dianapolis, Ind.	986	1,640	1.65	Stonington.....	Grade Hereford..
80	Ind. Blooded Stock Co., In-dianapolis, Ind.	929	1,575	1.69	Fisherman .....	" "
81	Ind. Blooded Stock Co., In-dianapolis, Ind.	911	1,740	1.90	Tuck.....	" "
82	Ind. Blooded Stock Co., In-dianapolis, Ind.	952	1,760	1.84	Nip.....	" "
83	Lucian Scott, Leavenworth, Kas.	988	1,675	1.69	Boots.....	Gr. Holstein.....
84	Am. Aberdeen-Angus Ass'n, Independence, Mo.	832	1,652	1.98	Abernethy .....	Gr. Ab.-Angus....
85	Adams Earl, Lafayette, Ind.	876	1,760	2.00	Shadeland.....	Grade Hereford..
86		886	1,535	1.73	Whiteface.....	" "
87	J. R. Peak & Son, Winches-ter	929	1,660	1.77	Boss .....	Gr. Short-Horn..
88	J. R. Peak & Son, Winches-ter	880	1,600	1.81	Gold King.....	" "
89	J. R. Peak & Son, Winches-ter	972	1,565	1.61	Harry Clay.....	" "
90	Jno. B. Sherman, Chicago..	941	1,755	1.86	Barney.....	" "
91	" " " "	906	1,695	1.87	Richland .....	" "
92	" " " "	962	1,715	1.78	Albright.....	Grade Hereford..
93	Jno. P. Gillett, Elkhart.....	975	1,670	1.79	Pointover.....	Gr. Short-Horn..
94	" " " "	950	1,616	1.69	Crocket.....	" "
95	" " " "	946	1,696	1.70	Adams.....	" "
96	" " " "	1,026	1,656	1.61	Red Jacket.....	" "
97	Jno. D. Gillett, Elkhart.....	1,076	2,076	1.93	Trump.....	" "
98	" " " "	1,049	1,747	1.66	McCue.....	" "
99	" " " "	928	1,645	1.77	Lookover.....	" "
100	" " " "	951	1,747	1.84	Right About.....	" "
101	" " " "	887	1,745	1.96	J. P. Reynolds....	" "
102	C. M. Culbertson, Chicago..	941	1,650	1.75	Landrigan.....	Grade Hereford..
103	" " " "	1,000	1,560	1.56	Savage.....	" "
104	T. W. Harvey, Turlington, Neb.	1,052	1,768	1.68	Quality.....	Gr. Short-Horn..
105	T. W. Harvey, Turlington, Neb.	911	1,600	1.75	Half-and-Half...	" "
106	Jas. J. Hill, St. Paul, Minn..	589	2,100	2.12	Hutcheon.....	Ang.-Short-Horn
107	Fowler & Van Natta, Fow-ler, Ind.	1,049	1,795	1.71	Noble Boy.....	Grade Hereford..
108	Fowler & Van Natta, Fow-ler, Ind.	957	1,885	1.97	Regulus .....	" "
109	Fowler & Van Natta, Fow-ler, Ind.	902	1,855	2.05	McGregor.....	" "
110	T. C. Ponting, Moweauqua...	867	1,815	2.09	Jno. A. Logan....	" "
111	Jno. P. Gillett, Elkhart....	1,074	1,951	1.81	Barney.....	Gr. Short-Horn..
112	B. Waddel, Marion, O.....	1,075	1,652	1.54	Ohio Belle.....	" "
113	C. M. Culbertson, Chicago..	926	1,630	1.76	Funk.....	Grade Hereford..
114	" " " "	941	1,560	1.66	Fisher.....	" "
115	Jas. J. Hill, St. Paul, Minn..	1,067	1,880	1.76	Longmore.....	Gr. Short-Horn..
116	" " " "	1,040	1,675	1.61	Kettie.....	Sh't-H.-Ab.-Ang.
117	" " " "	972	1,675	1.72	McKessack.....	Ab.-Ang.-Sh't-H.
118	" " " "	941	1,685	1.79	Kinloss.....	" "
119	" " " "	1,024	1,735	1.69	Tuniff.....	" "
	Average .....	963	1,718	1.78		

First premium, \$30, to steer Eales, exhibited by Morrow & Renick, Clintonville, Ky.  
 Second premium, \$20, to steer Tuck, exhibited by Indiana Blooded Stock Co., Indianapolis, Ind.

Third premium, \$10, to steer Shadeland, exhibited by Adams Earl, Lafayette, Ind.

Steer or Spayed Heifer 1 and under 2 years.

No.	Exhibiter.	Age in days Nov. 11, 1884.....	Weight Nov. 11, 1884.....	Average gain per day, in pounds, since birth.....	Name of Animal.	Breed.
120	J. H. Potts & S., Jacksonville	597	1,365	2.29	Victor.....	Gr. Short - Horn.
121	" " "	598	1,385	2.32	Red Cloud.....	" " "
122	" " "	602	1,238	2.06	Richmond.....	" " "
123	" " "	638	1,335	2.09	Major Denby.....	" " "
124	Morrow & Renick, Clintonville, Ky	630	1,315	2.08	Marston.....	" " "
125	Morrow & Renick, Clintonville, Ky	694	1,430	2.06	Link.....	" " "
126	C. S. Barclay, West Liberty, Ia	713	1,410	1.97	White Cedar.....	" " "
127	Lucien Scott, Leavenworth, Kas	635	1,405	2.21	Captain.....	Grade Holstein..
128	M. H. Cochrane, Compton, Que	613	1,278	2.08	Quality.....	Grade Ab.-August
129	I. R. Peak & S'n, Winchester	621	1,345	2.16	True Blue.....	Gr. Short - Horn.
130	" " "	612	1,240	2.02	Roan Boy.....	" " "
131	John D. Gillett, Elkhart...	639	1,366	2.14	Rocket.....	" " "
132	" " "	581	1,200	2.12	Bob.....	" " "
133	" " "	612	1,235	2.02	Col. Mills.....	" " "
134	T. W. Harvey, Turlington, Neb	661	1,055	1.15	Redbud Nero....	" " "
135	Fowler & Van Natta, Fowler, Ind.	688	1,530	2.22	Joseph.....	Grade Hereford..
136	Fowler & Van Natta, Fowler, Ind.	667	1,475	2.24	Adams.....	" " "
137	Fowler & Van Natta, Fowler, Ind.	654	1,470	2.21	Dandy Boy.....	" " "
138	B. Hershey, Muscatine, Ia	617	1,485	2.41	Prospect.....	" " "
139	J. R. Price, Williamsville...	625	1,240	1.98	Confidence.....	" " "
140	" " "	622	1,190	1.91	Escort.....	" " "
141	Morrow & Renick, Clintonville, Ky	563	1,112	1.97	Games.....	Gr. Short - Horn.
142	Jno. D. Gillett, Elkhart...	480	1,075	2.24	Dick.....	" " "
143	" " "	679	1,220	1.80	Fisher.....	" " "
144	" " "	603	1,420	2.35	Driver.....	" " "
145	C. M. Culbertson, Chicago...	546	1,015	1.84	Texas Jane.....	Hereford-Texan.
146	Fowler & Van Natta, Fowler, Ind.	510	860	1.69	Peter.....	Hereford-Jersey.
	Average.....	618	1,236	2.08		

First premium, \$30, to steer Joseph, exhibited by Fowler & Van Natta, Fowler, Ind.  
 Second premium, \$20, to steer Roan Boy, exhibited by J. R. Peak & Son, Winchester.  
 Third premium, \$10, to steer Red Cloud, exhibited by J. H. Potts & Son, Jacksonville.

## Steer or Spayed Heifer under 1 year.

No.	Exhibiter.	Age, in days, Nov. 11, 1884.	Weight, Nov. 11, 1884.	Average gain per day, in pounds, since birth.	Name of Animal.	Breed.
147	Ind. Blooded Stock Co., Indianapolis, Ind.	302	752	2.52	Photograph.....	Grade Hereford..
148	Lucien Scott, Leavenworth, Kas.	268	710	2.64	Pilate.....	" "
149	John P. Gillett, Elkhart	138	385	2.78	Justine.....	Gr. Short-Horn..
150	B. Waddel, Marion, O.	288	932	3.24	Samson.....	" "
151	Fowler & Van Natta, Fowler, Ind.	330	850	2.57	Logan.....	Grade Hereford..
152	Fowler & Van Natta, Fowler, Ind.	333	840	2.52	Sam.....	" "
153	Tom C. Ponting, Moweaqua	235	965	2.97	John Yeomans...	" "
154	J. R. Price, Williamsville...	350	920	2.62	Lindall.....	" "
155		341	865	2.53	Leland.....	" "
156	John P. Gillett, Elkhart...	138	355	2.57	Jessie.....	Gr. Short-Horn..
Average .....		281	757	2.70		

First premium, \$30, to steer Lindall, exhibited by J. R. Price, Williamsville.

Second premium, \$20, to steer Photograph, exhibited by Indiana Blooded Stock Co. Indianapolis, Ind.

Third premium, \$10, to steer John Yeomans, exhibited by Tom C. Ponting, Moweaqua.

## LOT 7—RANGE CATTLE—NO ENTRIES.

## LOT 8—ALL BREEDS AND GRADES BY AGES.

## Steer, Barren or Spayed Cow 3 and under 4 years.

No.	Exhibiter.	Age, in days, Nov. 11, 1884.	Weight Nov. 11, 1884.	Average gain per day, in pounds, since birth.	Name of Animal.	Breed.
1	J. H. Potts & Son, Jacksonville	1,294	1,865	1.44	Roan Gauntlet...	Short-Horn.....
51	J. H. Potts & Son, Jacksonville.	1,349	2,165	1.60	Porter .....	Gr. Short-Horn.
53	Morrow & Renick, Clintonville, Ky.	1,290	2,182	1.61	Proctor.....	" "
2	James R. Anderson, Anderson, O.	1,195	2,105	1.76	Chicago.....	Short-Horn.....
3	C. S. Barclay, West Liberty, Ia.	1,226	1,860	1.51	Cambria Boy 2d..	" .....
54	C. S. Barclay, West Liberty, Ia.	1,235	1,955	1.58	Dick .....	Gr. Short-Horn.
44	M. H. Cochrane, Compton, Que.	1,404	1,890	1.35	Netherwo'd Jock	Aberdeen-Angus
72	Lucien Scott, Leavenworth, Kas.	1,267	1,905	1.50	Jim Lee.....	Grade Hereford..
7	John B. Sherman, Chicago.	1,379	1,967	1.43	White Cloud.....	Short-Horn.....
58		1,331	2,125	1.75	Capt. Cook.....	Hereford Sh.-H'n
61	John P. Gillett, Elkhart.....	1,240	1,850	1.49	Chub.....	Gr. Short-Horn..
63	John D. Gillett, Elkhart .....	1,442	2,170	1.50	Foster .....	" "
66		1,284	1,905	1.49	Crump .....	" "
62	" " " " .....	1,250	2,340	1.87	Conover .....	" "
65	" " " " .....	1,439	2,186	1.45	L. Dean.....	" "



## Lot 8—Continued.

No.	Exhibiter.	Age in days, Nov. 11, 1884.....	Weight, Nov. 11, 1884.....	Average gain per day in pounds, since birth.....	Name of Animal.	Breed.
30	Adams Earl, Lafayette, Ind.	1,389	2,075	1.49	Hoosier.....	Hereford.....
8	T. W. Harvey, Turlington, Neb.	1,210	2,202	1.82	Snow Flake.....	Short-Horn.....
9	T. W. Harvey, Turlington, Neb.	1,380	1,850	1.34	Young Mary of Turlington.....	".....
157	Jas. J. Hill, St. Paul, Minn..	1,762	2,055	1.84	Buccleuch.....	Galloway.....
158		1,762	1,350	1.10	Cranston.....	".....
69	Fowler & Van Natta, Fowler, Ind.	1,301	2,300	1.76	Benton's Cham..	Grade Hereford..
70	Fowler & Van Natta, Fowler, Ind.	1,118	1,755	1.56	Rogers.....	" " ..
68	Fowler & Van Natta, Fowler, Ind.	1,307	2,150	1.64	Price.....	" " ..
71	Jno. Ross & Son, Bucyrus, O	1,250	2,265	1.81	Charley Ross.....	Gr. Short-Horn.
59	John P. Gillett, Elkhart ..	1,170	1,925	1.64	Kinthead .....	" " ..
159	" " " " ..	1,243	1,855	1.49	Crump .....	" " ..
60	" " " " ..	1,290	1,835	1.42	Red Bell.....	" " ..
67	B. Waddel, Marion, O.....	1,097	1,952	1.78	Dan.....	" " ..
4	C. S. Barclay, West Liberty, Ia.	1,151	1,830	1.59	Champion 2d....	Short-Horn.....
	Average ..	1,312	2,016	1.54		

Premium, \$50, to steer Benton's Champion, exhibited by Fowler & Van Natta, Fowler, Ind.

## Steer or Spayed Heifer 2 and under 3 years.

No.	Exhibiter.	Age in days, Nov. 11, 1884.....	Weight, Nov. 11, 1884.....	Average gain per day in pounds, since birth.....	Name of Animal.	Breed.
73	J. H. Potts & Son, Jacksonville.	1,011	1,785	1.76	Fred.....	Gr. Short-Horn.
74	Morrow & Renick, Clintonville, Ky.	1,053	2,048	1.94	Eales.....	" " ..
10	Morrow & Renick, Clintonville, Ky.	1,061	1,912	1.80	Schooler.....	Short-Horn.....
11	Morrow & Renick, Clintonville, Ky.	1,033	1,750	1.69	Weathers .....	".....
75	C. S. Barclay, West Liberty, Ia.	987	1,715	1.74	Thompson .....	Gr. Short-Horn.
76	C. S. Barclay, West Liberty, Ia.	949	1,806	1.90	Red Cedar.....	" " ..
77	C. S. Barclay, West Liberty, Ia.	939	1,535	1.64	McCroskey.....	" " ..
78	C. S. Barclay, West Liberty, Ia.	866	1,460	1.68	Mate.....	" " ..
14	C. S. Barclay, West Liberty, Ia.	894	1,770	1.98	Joe Gault .....	Short-Horn.....
15	C. S. Barclay, West Liberty, Ia.	964	1,760	1.82	Cox .....	".....
16	C. S. Barclay, West Liberty, Ia.	1,085	1,805	1.66	Hepoo.....	".....
32	Ind. B'd Stock Co., Indianapolis, Ind.	950	1,655	1.74	Champion .....	Hereford.....
34	Ind. B'd Stock Co., Indianapolis, Ind.	951	1,555	1.73	Maine Boy.....	".....

Steer or Spayed Heifer 2 and under 3 years—*Continued.*

No.	Exhibiter.	Age in days Nov. 11, 1883.....	Weight Nov. 11, 1884.....	Average gain per day, in pounds, since birth.....	Name of Animal.	Breed.
35	Ind. Bl'd Stock Co., Indianapolis, Ind.	954	1,692	1.77	Cornwall.....	Hereford.....
36	Ind. Bl'd Stock Co., Indianapolis, Ind.	996	1,860	1.86	Prince.....	".....
160	Ind. Bl'd Stock Co., Indianapolis, Ind.	1,044	1,650	1.58	Burleigh's Pride.	Her'fd Ab.-Ang's
37	Ind. Bl'd Stock Co., Indianapolis, Ind.	902	1,775	1.96	Suspense.....	Hereford.....
81	Ind. Bl'd Stock Co., Indianapolis, Ind.	911	1,740	1.90	Tuck.....	Grade Hereford..
82	Ind. Bl'd Stock Co., Indianapolis, Ind.	952	1,760	1.84	Nip.....	".....
80	Ind. Bl'd Stock Co., Indianapolis, Ind.	929	1,575	1.69	Fisherman.....	".....
79	Ind. Bl'd Stock Co., Indianapolis, Ind.	986	1,640	1.65	Stonington.....	".....
84	Am. Ab. Angus Ass'n, Independence, Mo.	832	1,652	1.98	Abernethy.....	Grade Ab.-Angus
87	J.R. Peak & Son, Winchester	929	1,660	1.77	Boss.....	Gr. Short-Horn.
88	".....	880	1,600	1.81	Gold King.....	".....
161	".....	975	1,795	1.84	Star W.....	".....
91	Jno. B. Sherman, Chicago.	906	1,695	1.87	Richland.....	".....
90	".....	941	1,755	1.86	Barney.....	".....
94	Jno. P. Gillett, Elkhart.	950	1,616	1.69	Crockett.....	".....
96	".....	1,026	1,656	1.61	Red Jacket.....	".....
95	".....	946	1,696	1.70	Adams.....	".....
111	".....	1,074	1,951	1.81	Barney.....	".....
93	".....	975	1,660	1.79	Pointover.....	".....
101	Jno. D. Gillett, Elkhart.	887	1,745	1.96	J. P. Reynolds...	".....
97	".....	1,076	2,076	1.93	Trump.....	".....
100	".....	951	1,747	1.84	Right About.....	".....
98	".....	1,049	1,747	1.66	McCue.....	".....
38	C. M. Culbertson, Chicago.	1,077	1,785	1.65	Choctaw.....	Hereford.....
102	".....	941	1,650	1.75	Landrigan.....	Grade Hereford.
113	".....	926	1,630	1.76	Funk.....	".....
103	".....	1,000	1,560	1.56	Savage.....	".....
85	Adams Earl, Lafayette, Ind.	876	1,760	2.00	Shadeland.....	".....
86	".....	886	1,535	1.73	White Face.....	".....
104	T. W. Harvey, Turlington, Neb.	1,052	1,768	1.68	Quality.....	Gr. Short-Horn.
18	T. W. Harvey, Turlington, Neb.	850	1,420	1.89	Sonsie Lad.....	Short-Horn.....
105	T. W. Harvey, Turlington, Neb.	911	1,600	1.75	Half and Half....	Gr. Short-Horn.
19	D. W. Smith, Bates.....	1,021	1,742	1.70	Illustrious.....	Short-Horn.....
112	B. Waddel, Marion, O.	1,075	1,652	1.54	Ohio Belle.....	Gr. Short-Horn.
107	Fowler & VanNatta, Fowler, Ind.	1,049	1,795	1.71	Noble Boy.....	Grade Hereford.
108	Fowler & VanNatta, Fowler, Ind.	957	1,885	1.97	Regulus.....	".....
109	Fowler & VanNatta, Fowler, Ind.	902	1,855	2.05	McGregor.....	".....
110	T. C. Ponting, Moweaqua..	867	1,815	2.09	Jno. A. Logan....	".....
20	D. W. Smith, Bates.....	957	1,705	1.78	Underidge.....	Short-Horn.....
Average.....		963	1,720	1.79		

Premium, \$50, to steer Barney, exhibited by John P. Gillett, Elkhart.

## Steer or Spayed Heifer 1 and under 2 years.

No.	Exhibiter.	Age in days, Nov. 11, 1884.....	Weight Nov. 11, 1884.....	Average gain per day, in pounds, since birth.....	Name of Animal.	Breed.
120	J. H. Potts & Son, Jacksonville	597	1,365	2.29	Victor.....	Gr. Short-Horn.
121	J. H. Potts & Son, Jacksonville	598	1,385	2.32	Red Cloud.....	" "
122	J. H. Potts & Son, Jacksonville	692	1,238	2.06	Richmond.....	" "
22	Morrow & Renick, Clintonville, Ky.	625	1,370	2.19	Swift.....	Short-Horn.....
124	Morrow & Renick, Clintonville, Ky.	630	1,315	2.08	Marston.....	Gr. Short-Horn.
126	C. S. Barclay, West Liberty, Iowa	713	1,410	1.97	White Cedar.....	" "
127	Lucien Scott, Leavenworth, Kas.	635	1,405	2.21	Captain.....	Grade Holstein..
128	M. H. Cochrane, Compton, Que.	613	1,278	2.08	Quality.....	Grade Ab.-Angus
129	J. R. Peak & Son, Winchester	621	1,345	2.16	True Blue.....	Gr. Short-Horn.
139	J. R. Peak & Son, Winchester	612	1,240	2.02	Roan Boy.....	" "
133	Jno. D. Gillett, Elkhart	612	1,235	2.02	Col. Mills.....	" "
131	" "	639	1,366	2.14	Rocket.....	" "
144	" "	603	1,420	2.35	Driver.....	" "
47	T. W. Harvey, Turlington, Neb.	634	1,316	2.07	Paris Favorite...	Ab.-Angus.....
134	T. W. Harvey, Turlington, Neb.	661	1,055	1.59	Redbud Nero....	Gr. Short-Horn.
25	B. Waddel, Marion, O.	597	1,495	2.50	Orio.....	Short-Horn.....
136	Fowler & Van Natta, Fowler, Ind.	667	1,475	2.21	Adams.....	Grade Hereford..
135	Fowler & Van Natta, Fowler, Ind.	668	1,530	2.22	Joseph.....	" "
137	Fowler & Van Natta, Fowler, Ind.	654	1,470	2.24	Dandy Boy.....	" "
146	Fowler & Van Natta, Fowler, Ind.	510	860	1.69	Peter.....	Hereford-Jersey.
27	A. M. Winslow's Sons, Kan-kakee	383	930	2.43	Daisy Boy.....	Short-Horn.....
138	B. Hershey, Muscatine, Ia.	617	1,485	2.41	Prospect.....	Grade Hereford..
43	" "	709	1,377	1.93	Champion.....	Hereford.....
139	J. R. Price, Williamsville...	625	1,240	1.98	Confidence.....	Grade Hereford..
140	" "	622	1,190	1.91	Escort.....	" "
45	Ind. Bl'd Stock Co., Indianapolis, Ind.	410	1,125	2.74	Blaine.....	Ab.-Angus.....
40	Ind. Bl'd Stock Co., Indianapolis, Ind.	668	1,220	1.88	Tidy Boy.....	Hereford.....
41	Ind. Bl'd Stock Co., Indianapolis, Ind.	655	1,250	1.80	Rosy Duke.....	" .....
	Average .....	614	1,296	2.11		

Premium, \$50, to steer Roan Boy, exhibited by J. R. Peak & Son, Winchester.



## Steer or Spayed Heifer under 1 year.

No.	Exhibiter.	Age, in days, Nov. 11, 1884	Weight Nov. 11, 1884	Average gain per day, in pounds, since birth	Name of Animal.	Breed.
149	Jno. P. Gillett, Elkhart.....	138	385	2.78	Justine.....	Gr. Short - Horn.
156	.....	138	355	2.57	Jessie.....	" "
150	B. Waddel, Marion, O. ....	288	932	3.24	Samson.....	" "
147	Ind B. Stock Co., Indianapolis, Ind.....	302	752	2.52	Photograph .....	Grade Hereford..
151	Fowler & Van Natta, Fowler, Ind..	330	850	2.57	Logan.....	" "
152	Fowler & Van Natta, Fowler, Ind..	333	840	2.52	Sam.....	" "
153	Tom C. Ponting, Moweaqua	325	965	2.97	John Yeomans...	" "
154	J. R. Price, Williamsville...	350	920	2.62	Lindall.....	" "
155	.....	341	865	2.53	Leland .....	" "
Average .....		283	763	2.70		

Premium, \$50, to steer Lindall, exhibited by J. R. Price, Williamsville.

## LOT 9—SWEEPSTAKES.

Best Animal shown in Lot 1—Short-Horns.

No.	Exhibiter.	Age in days, Nov. 11, 1884	Weight Nov. 11, 1884	Average gain per day in pounds, since birth	Name of Animal.
6	Can. West Farm Stock Association, Brantford, Ont.....	1,372	2,400	1.74	Clarence Kirklevington...
12	Morrow & Renick, Clintonville, Ky.	1,038	1,708	1.64	Bedford No. 1 .....
22	.....	625	1,370	2.19	Swift.....

Premium, \$75, to steer Clarence Kirklevington, exhibited by Can. West Farm Stock Association, Brantford, Ont.

Best Animal shown in Lot 2—Herefords.

No.	Exhibiter.	Age in days, Nov. 11, 1884	Weight Nov. 11, 1884	Average gain per day in pounds, since birth	Name of Animal.
31	Fowler & Van Natta, Fowler, Ind....	1,374	1,560	1.13	Artless.....
36	Ind. Blooded Stock Co. Indianapolis, Ind.....	996	1,860	1.86	Prince.....
41	Ind. Blooded Stock Co. Indianapolis, Ind.....	655	1,250	1.81	Rosy Duke.....

Premium, \$75, to steer Prince, exhibited by Indiana Blooded Stock Co., Indianapolis, Ind.

## Best Animal shown in Lot 4—Aberdeen-Angus.

No.	Exhibiter.	Age in days, Nov. 11, 1884.....	Weight Nov. 11, 1884.....	Average gain per day, in pounds, since birth .....	Name of Animal.
44	M. H. Cochrane, Compton, Que .....	1,404	1,890	1.35	Netherwood Jock .....
47	T. W. Harvey, Turlington, Neb.....	634	1,316	2.07	Paris Favorite.....

Premium \$75, to steer Netherwood Jock, exhibited by M. H. Cochrane, Compton, Que.

## Best Animal shown in Lot 6—Grades and Crosses.

No.	Exhibiter.	Age, in days, Nov. 11, 1884.....	Weight Nov. 11, 1884.....	Average gain per day, in pounds, since birth .....	Name of Animal.	Breed.
71	John Ross & Son, Bucyrus, Ohio .....	1,250	2,265	1.81	Charley Ross....	Gr. Short-Horn..
74	Morrow & Renick, Clintonville, Ky.....	1,053	2,048	1.94	Eales .....	" " ..
135	Fowler & Van Natta, Fowler, Ind.....	688	1,530	2.22	Joseph.....	Gr. Hereford.....
154	J. R. Price, Williamsville...	350	920	2.62	Lindall .....	" " .....

Premium \$75, to steer Charley Ross, exhibited by John Ross & Son, Bucyrus, O.

## LOT 10—GRAND SWEEPSTAKES.

## Best Steer, Barren Cow or Spayed Heifer in the Show.

No.	Exhibiter.	Age in days, Nov. 11, 1884.....	Weight Nov. 11, 1884.....	Average gain per day, in pounds, since birth .....	Name of Animal.	Breed.
162	Jno. B. Sherman, Chicago.	1,641	2,395	1.46	George Fox.....	Gr. Short-Horn..
163	" " " "	1,580	2,295	1.45	S. B. Roath.....	" " ..
164	" " " "	1,792	2,375	1.32	S. Hastings .....	" " ..
165	" " " "	1,669	2,312	1.38	J. H. Truman .....	Short-Horn .....
166	John D. Gillett, Elkhart.	1,898	2,700	1.47	Storm .....	Gr. Short-Horn..
167	Can. W. F. Stock Ass'n, Brantford, Ont. ....	1,683	2,552	1.51	Canada's Pride..	" " ..
6	Can. W. F. Stock Ass'n, Brantford, Ont. ....	1,372	2,400	1.74	Clarence Kirklevington.....	Short-Horn.....
168	Morrow & Renick, Clintonville, Ky.....	1,762	2,090	1.12	Renick.....	" " ..
36	Ind. Blooded Stock Co., Indianapolis, Ind.....	996	1,860	1.86	Prince.....	Hereford, .....
71	John Ross & Son, Bucyrus, Ohio .....	1,250	2,265	1.81	Charley Ross....	Gr. Short-Horn..
169	T. W. Harvey, Turlington, Neb.....	1,715	2,338	1.36	Grand Chunk.....	" " ..
170	Geary Bros., London, Ont..	1,744	2,488	1.43	Black Prince ....	Aberdeen-Angus
44	M. H. Cochrane, Compton, Que .....	1,404	1,890	1.35	Netherwood Jock	" "

Premium \$100, to steer Clarence Kirklevington, exhibited by Can. W. Farm Stock Ass'n, Brantford, Ont.

## LOT 11—PEN OF CATTLE.

Five Steers, Barren or Spayed Cows 3 and under 4 years.

## PEN No. 1.

No.	Exhibiter.	Age in days Nov. 11, 1884.....	Weight Nov. 11, 1884.....	Average gain per day, in pounds, since birth.....	Name of Animal.	Breed.
54	C. S. Barclay, West Liberty, Iowa.....	1,235	1,955	1.58	Dick.....	Gr. Short - Horn.
55	C. S. Barclay, West Liberty, Iowa.....	1,259	1,805	1.43	Jerry.....	" "
3	C. S. Barclay, West Liberty, Iowa.....	1,226	1,860	1.51	Cambria Boy 2d.	Short-Horn.....
4	C. S. Barclay, West Liberty, Iowa.....	1,151	1,830	1.59	Champion 2d.....	" ".....
5	C. S. Barclay, West Liberty, Iowa.....	1,153	1,750	1.51	Chunky.....	" ".....
Average.....		1,205	1,840	1.53		

## PEN No. 2.

159	Jno. P. Gillett, Elkhart.....	1,243	1,855	1.49	Crump.....	Gr. Short - Horn.
171	" " ".....	1,246	1,685	1.35	White Stockings.....	" ".....
59	" " ".....	1,170	1,925	1.64	Kinthead.....	" ".....
60	" " ".....	1,290	1,835	1.42	Red Bell.....	" ".....
61	" " ".....	1,240	1,850	1.49	Chub.....	" ".....
Average.....		1,238	1,830	1.48		

## PEN No. 3.

62	Jno. D. Gillett, Elkhart.....	1,250	2,340	1.87	Conover.....	Gr. Short - Horn.
63	" " ".....	1,442	2,170	1.50	Foster.....	" ".....
66	" " ".....	1,284	1,905	1.49	Crump.....	" ".....
65	" " ".....	1,439	2,186	1.45	L. Dean.....	" ".....
64	" " ".....	1,382	2,065	1.49	Paul Smith.....	" ".....
Average.....		1,359	2,133	1.57		

## PEN No. 4.

69	Fowler & Van Natta, Fowler, Ind.....	1,301	2,300	1.76	Benton's Ch'mp'n	Grade Hereford.
68	Fowler & Van Natta, Fowler, Ind.....	1,307	2,150	1.64	Price.....	" ".....
70	Fowler & Van Natta, Fowler, Ind.....	1,118	1,755	1.56	Rogers.....	" ".....
71	Fowler & Van Natta, Fowler, Ind.....	1,370	1,560	1.13	Artless.....	Hereford.....
Average.....		1,275	1,941	1.52		

First premium, \$150, to Pen No. 3, exhibited by Jno. D. Gillett, Elkhart.

Second premium, \$75, to Pen No. 1, exhibited by C. S. Barclay, West Liberty, Iowa.



## Five Steers or Spayed Heifers 2 and under 3 years.

## PEN No. 1.

No.	Exhibiter.	Age in days, Nov. 11, 1884.....	Weight Nov. 11, 1884.....	Average gain per day in pounds, since birth.....	Name of Animal.	Breed.
14	C. S. Barclay, West Liberty, Iowa.....	894	1,770	1.98	Joe Gault.....	Short-Horn.....
15	C. S. Barclay, West Liberty, Iowa.....	964	1,760	1.82	Cox.....	" " .....
16	C. S. Barclay, West Liberty, Iowa.....	1,085	1,805	1.66	Hepoo.....	" " .....
76	C. S. Barclay, West Liberty, Iowa.....	949	1,806	1.90	Red Cedar.....	Gr. Short-Horn.
75	C. S. Barclay, West Liberty, Iowa.....	987	1,715	1.74	Thompson.....	" " .....
Average.....		976	1,771	1.81		

## PEN No. 2.

78	C. S. Barclay, West Liberty, Iowa.....	866	1,460	1.68	Mate.....	Gr. Short-Horn.
77	C. S. Barclay, West Liberty, Iowa.....	939	1,535	1.64	McCroskey.....	" " .....
172	C. S. Barclay, West Liberty, Iowa.....	865	1,450	1.67	Harry.....	" " .....
173	C. S. Barclay, West Liberty, Iowa.....	925	1,440	1.55	Starlight.....	" " .....
174	C. S. Barclay, West Liberty, Iowa.....	925	1,505	1.62	George.....	" " .....
Average.....		904	1,478	1.63		

## PEN No. 3.

37	Ind. B. Stock Co., Indianapolis, Ind.....	902	1,775	1.96	Suspense.....	Hereford.....
79	Ind. B. Stock Co., Indianapolis, Ind.....	986	1,640	1.65	Stonington.....	Grade Hereford..
36	Ind. B. Stock Co., Indianapolis, Ind.....	996	1,860	1.86	Prince.....	Hereford.....
81	Ind. B. Stock Co., Indianapolis, Ind.....	911	1,740	1.90	Tuck.....	Grade Hereford..
35	Ind. B. Stock Co., Indianapolis, Ind.....	954	1,692	1.77	Cornwall.....	Hereford.....
Average.....		950	1,741	1.83		

## PEN No. 4.

32	Ind. B'd Stock Co., Indianapolis, Ind.....	950	1,655	1.74	Champion.....	Hereford.....
82	Ind. B'd Stock Co., Indianapolis, Ind.....	952	1,760	1.84	Nip.....	Grade Hereford.
34	Ind. B'd Stock Co., Indianapolis, Ind.....	951	1,555	1.73	Maine Boy.....	Hereford.....
33	Ind. B'd Stock Co., Indianapolis, Ind.....	922	1,425	1.51	Stokesay.....	" .....
80	Ind. B'd Stock Co., Indianapolis, Ind.....	929	1,575	1.69	Fisherman.....	Grade Hereford..
Average.....		941	1,594	1.70		

## PEN No. 5.

No.	Exhibiter.	Age, in days, Nov. 11, 1884.	Weight Nov. 11, 1884.	Average gain per day, in pounds, since birth.	Name of Animal.	Breed.
87	J. R. Peak & Son, Winchester	929	1,660	1.77	Boss	Gr. Short-Horn.
175	J. R. Peak & Son, Winchester	943	1,710	1.81	Tornado	" " "
89	J. R. Peak & Son, Winchester	972	1,565	1.61	Harry Clay	" " "
88	J. R. Peak & Son, Winchester	880	1,600	1.81	Gold King	" " "
175	J. R. Peak & Son, Winchester	917	1,620	1.76	Winfield	" " "
	Average	928	1,631	1.76		

## PEN No. 6.

74	Morrow & Renick, Clintonville, Ky	1,053	2,048	1.94	Eales	Gr. Short-Horn..
10	Morrow & Renick, Clintonville, Ky	1,061	1,912	1.00	Schooler	Short-Horn .....
11	Morrow & Renick, Clintonville, Ky	1,033	1,750	1.69	Weathers	" " .....
12	Morrow & Renick, Clintonville, Ky	1,038	1,708	1.64	Bedford No. 1	" " .....
17	Morrow & Renick, Clintonville, Ky	935	1,790	1.91	Maple	" " .....
	Average	1,024	1,842	1.80		

## PEN No. 7.

90	John B. Sherman, Chicago	941	1,755	1.86	Barney	Gr. Short-Horn..
177	" " "	863	1,762	2.04	J. C. Bone	" " "
91	" " "	706	1,695	1.87	Richland	" " "
92	" " "	962	1,715	1.98	Albright	Grade Hereford..
178	" " "	911	1,640	1.80	Bob	Gr. Short-Horn..
	Average	917	1,713	1.87		

## PEN No. 8.

111	John P. Gillett, Elkhart	1,074	1,951	1.81	Barney	Gr. Short-Horn..
93	" " "	975	1,670	1.79	Pointover	" " "
94	" " "	950	1,616	1.69	Crocket	" " "
95	" " "	946	1,693	1.70	Adams	" " "
96	" " "	1,026	1,656	1.61	Red Jacket	" " "
	Average	994	1,718	1.73		

PEN No. 9.

No.	Exhibiter.	Age, in days, Nov. 11, 1884.....	Weight Nov. 11, 1884.....	Average gain per day, in pounds, since birth.....	Name of Animal.	Breed.
101	Jno. D. Gillett, Elkhart.....	887	1,745	1.96	J. P. Reynolds....	Gr. Short-Horn..
98	" " " ".....	1,049	1,747	1.66	McCue.....	" " "
99	" " " ".....	928	1,645	1.77	Lookover.....	" " "
97	" " " ".....	1,076	2,076	1.93	Trump.....	" " "
100	" " " ".....	951	1,747	1.84	Right About.....	" " "
Average.....		978	1,792	1.83		

PEN No. 10.

38	C. M. Culbertson, Chicago..	1,077	1,785	1.65	Choctaw.....	Hereford.....
102	" " " ".....	941	1,650	1.75	Landrigan.....	Grade Hereford..
114	" " " ".....	941	1,560	1.66	Fisher.....	" " "
113	" " " ".....	926	1,630	1.76	Funk.....	" " "
103	" " " ".....	1,000	1,560	1.56	Savage.....	" " "
Average.....		937	1,637	1.67		

PEN No. 11.

115	Jas. J. Hill, St. Paul, Minn..	1,067	1,880	1.76	Longmore.....	Gr. Short-Horn..
116	" " " ".....	1,040	1,675	1.61	Rettie.....	Sh't-H.-Ab.-Ang.
117	" " " ".....	972	1,675	1.72	McKessack.....	Ab.-Ang.-Sh't-H.
118	" " " ".....	941	1,685	1.79	Kinloss.....	" " "
119	" " " ".....	1,024	1,735	1.69	Tuniff.....	" " "
Average.....		1,009	1,730	1.71		

PEN No. 12.

107	Fowler & VanNatta, Fowler, Ind.....	1,049	1,795	1.71	Noble Boy.....	Grade Hereford..
179	Fowler & VanNatta, Fowler, Ind.....	975	1,695	1.74	Victor.....	" " "
180	Fowler & VanNatta, Fowler, Ind.....	920	1,715	1.86	James.....	" " "
109	Fowler & Van Natta, Fowler, Ind.....	902	1,855	2.05	McGregor.....	" " "
108	Fowler & Van Natta, Fowler, Ind.....	957	1,885	1.97	Regulus.....	" " "
Average.....		961	1,789	1.86		

First premium, \$150, to Pen No. 12, exhibited by Fowler & VanNatta, Fowler, Ind.  
 Second premium, \$75, to Pen No. 6, exhibited by Morrow & Renick, Clintonville, Ky.



## Five Steers or Spayed Heifers, 1 and under 2 years.

## PEN No. 1.

No.	Exhibiter.	Age in days Nov. 11, 1881.....	Weight Nov. 11, 1881.....	Average gain per day, in pounds, since birth.....	Name of Animal.	Breed.
120	J. H. Potts & Son, Jacksonville.....	597	1,365	2.29	Victor.....	Gr. Short-Horn.
121	J. H. Potts & Son, Jacksonville.....	598	1,385	2.32	Red Cloud.....	" "
123	J. H. Potts & Son, Jacksonville.....	638	1,335	2.09	Major Denby.....	" "
21	J. H. Potts & Son, Jacksonville.....	541	1,270	2.35	Frank.....	Short-Horn.....
122	J. H. Potts & Son, Jacksonville.....	602	1,238	2.06	Richmond.....	Gr. Short-Horn.
Average.....		595	1,319	2.22		

## PEN No. 2.

22	Morrow & Renick, Clintonville, Ky.....	625	1,370	2.19	Swift.....	Short-Horn.....
124	Morrow & Renick, Clintonville, Ky.....	630	1,315	2.08	Marston.....	Gr. Short-Horn.
125	Morrow & Renick, Clintonville, Ky.....	694	1,430	2.06	Link.....	" "
23	Morrow & Renick, Clintonville, Ky.....	574	1,180	2.05	Cunningham.....	Short-Horn.....
140	Morrow & Renick, Clintonville, Ky.....	563	1,112	1.97	Gaines.....	Gr. Short-Horn.
Average.....		617	1,281	2.08		

## PEN No. 3.

131	John. D. Gillett, Elkhart....	639	1,366	2.14	Rocket.....	Gr. Short-Horn.
144	" " " ".....	603	1,420	2.35	Driver.....	" "
143	" " " ".....	679	1,220	1.80	Fisher.....	" "
133	" " " ".....	612	1,235	2.02	Col. Mills.....	" "
132	" " " ".....	581	1,230	2.12	Bob.....	" "
Average.....		623	1,294	2.08		

## PEN No. 4.

135	Fowler & Van Natta, Fowler, Ind.....	683	1,530	2.22	Joseph.....	Grade Hereford.
137	Fowler & Van Natta, Fowler, Ind.....	654	1,470	2.24	Dandy Boy.....	" "
181	Fowler & Van Natta, Fowler, Ind.....	682	1,350	1.98	Benton Will.....	" "
136	Fowler & Van Natta, Fowler, Ind.....	667	1,475	2.21	Adams.....	" "
42	Fowler & Van Natta, Fowler, Ind.....	698	1,300	1.86	Tempest.....	Hereford.....
Average.....		678	1,425	2.10		

First premium, \$150, to Pen No. 1, exhibited by J. H. Potts &amp; Son, Jacksonville.

Second premium, \$75, to Pen No. 5, exhibited by Fowler &amp; Van Natta, Fowler, Ind.

## LOT 12—DRESSED CARCASS.

Steer, Barren or Spayed Cow 3 and under 4 years.

No.	Exhibiter.	Age in days, Nov. 11, 1884.....	Weight Nov. 11, 1884.....	Average gain per day in pounds since birth.....	Name of Animal.	Breed.
2	James R. Anderson, Anderson, O.....	1,195	2,105	1.76	Chicago.....	Short-Horn.....
44	M. H. Cochrane, Compton, Que.....	1,404	1,890	1.35	Netherwo'd Jock.....	Aberdeen-Angus
72	Lucien Scott, Leavenworth, Kas.....	1,267	1,905	1.50	Jim Lee.....	Grade Hereford.
6	Canada W. Farm St'k Ass'n, Brantford, Ont.....	1,372	2,406	1.74	{ Clarence Kirklevington....	{ Short-Horn....
56	Canada W. Farm St'k Ass'n, Brantford, Ont.....	1,306	2,316	1.77	President.....	Gr. Short-Horn.
171	Jno. P. Gillett, Elkhart.....	1,246	1,685	1.35	White Stockings.....	Hereford.....
30	Adams Earl, Lafayette, Ind.....	1,389	2,075	1.09	Hoosier.....	Hereford.....
68	Fowler & Van Natta, Fowler, Ind.....	1,307	2,150	1.64	Price.....	Grade Hereford..
71	John Ross & Son, Bucyrus, Ohio.....	1,250	2,265	1.81	Charley Ross....	Gr. Short-Horn.
9	T. W. Harvey, Turlington, Neb.....	1,380	1,850	1.34	Young Mary of T.	Short-Horn.....
Average.....		1,312	2,064	1.57		

Premium, \$75, to steer Chicago, exhibited by Jas. R. Anderson, Anderson, Ohio.

Steer or Spayed Heifer 2 and under 3 years.

No.	Exhibiter,	Age in days, Nov. 11, 1884.....	Weight Nov. 11, 1884.....	Average gain per day in pounds, since birth.....	Name of Animal.	Breed.
34	Ind. Bl'd Stock Co., Indianapolis, Ind.....	951	1,555	1.73	Maine Boy.....	Hereford.....
36	Ind. Bl'd Stock Co., Indianapolis, Ind.....	996	1,860	1.86	Prince.....	".....
84	Am. Ab. Angus Ass'n, Independence, Mo.....	832	1,652	1.98	Abernethy.....	Grade Ab.-Angus
182	Jno. D. Gillett, Elkhart.....	917	1,530	1.67	Fishback.....	Gr. Short-Horn.
38	C. M. Culbertson, Chicago.....	1,077	1,785	1.65	Choctaw.....	Hereford.....
85	Adams Earl, Lafayette, Ind.....	876	1,760	2.00	Shadeland.....	Grade Hereford.
112	B. Waddel, Marion, O.....	1,075	1,652	1.54	Ohio Belle.....	Gr. Short-Horn.
39	Fowler & Van Natta, Fowler, Ind.....	1,056	1,405	1.33	Robert.....	Hereford.....
20	D. W. Smith, Bates.....	957	1,705	1.78	Underidge.....	Short-Horn.....
77	C. S. Barclay, West Liberty, Ia.....	939	1,535	1.64	McCroskey.....	Gr. Short-Horn.
104	T. W. Harvey, Turlington, Neb.....	1,052	1,768	1.68	Quality.....	".....
Average.....		975	1,655	1.70		

Premium, \$75, to steer Abernethy, exhibited by American Aberdeen-Angus Association, Independence, Mo.

## Steer or Spayed Heifer 1 and under 2 years.

No.	Exhibiter.	Age in days, Nov. 11, 1884.....	Weight, Nov. 11, 1884.....	Average gain per day in pounds, since birth.....	Name of Animal.	Breed.
128	M. H. Cochrane, Compton, Que.....	613	1,278	2.08	Quality .....	Grade Ab.-Angus
183	John D. Gillett, Elkhart....	621	1,111	1.79	Deacon No. 2.....	Sh't-H'n-Jersey..
134	T. W. Harvey, Turlington, Neb.....	661	1,055	1.59	Redbud Nero....	Gr. Short - Horn.
25	B. Waddel, Marion, O.....	597	1,495	2.50	Orio.....	Short - Horn.....
135	Fowler & Van Natta, Fowler, Ind.....	688	1,530	2.22	Joseph.....	Grade Hereford..
184	Jno. P. Gillett, Elkhart. ....	530	1,090	2.05	Turley .....	Gr. Short - Horn.
	Average .....	618	1,260	2.04		

Premium, \$75, to steer Quality, exhibited by M. H. Cochrane, Compton, Quebec.

## Steer or Spayed Heifer under 1 year.

No.	Exhibiter.	Age in days, Nov. 11, 1884.....	Weight, Nov. 11, 1884.....	Average gain per day in pounds, since birth.....	Name of Animal.	Breed.
153	T. C. Ponting, Moweaqua..	325	965	2.97	Jno. Yeomans,...	Grade Hereford..

Premium, \$75, to steer John Yeomans, exhibited by Tom C. Ponting, Moweaqua.





# *Dressed Carcass.*

## WEIGHTS OF VARIOUS PARTS OF SLAUGHTERED ANIMALS.

*Age, 3 and under 4 years—Continued.*

Name and Postoffice of exhibitor.	Name of Animal.	Breed.	Weight of head.....	Weight of feet .....	Weight of paunch....	Weight of guts.....	Weight of liver .....	Weight of heart .....	Weight of tongue.....	Weight of lungs .....	Weight of trimmings.	Weight of blood .....	Loss of weight by shrinkage.....	Weight of unprofitable parts .....	Per cent. unprofitable wt., including shrinkage, to gross or live weight.....
Jas. R. Anderson, Anderson, O .....	Chicago .....	Short-Horn .....	37	20	161	44	17	8	10	20	16	54	67	387	22
M. H. Cochran, Compton, Que. ....	Netherwood Jock .....	Aberdeen-Angus .....	35	21	115	46	15	6	12	20	13	55	40	338	21
Lucien Scott, Leavenworth, Kas. ....	Jim Lee .....	Grade Hereford .....	33	20	150	45	15	5	13	17	11	47	72	362	23
Can. W. Farm Stock Ass'n, Brantford, Ont. ....	Clarence Kirklev ton .....	Short-Horn .....	44	23	118	80	18	9	13	23	21	53	58½	405	20
Jno. P. Gillitt, Elkhart .....	President .....	Grade Short-Horn .....	41	22	142	55	17	7	12	20	25	47	38	388	19
Adams Earl, Lafayette, Ind. ....	White Stockings .....	Hereford .....	39	22	133	47	17	5	11	18	12	49	68½	353	25
Fowler & Van Natta, Fowler, Ind. ....	Hoosier .....	Grade Hereford .....	40	21	127	69	14	5	11	18	12	40	50	318	20
Jno. Ross & Son, Bucyrus, O. ....	Prairie .....	Grade Hereford .....	37	21	152	60	17	7	11	25	22	46	65½	398	22
T. W. Harvey, Turlington, Neb. ....	Charley Ross .....	Grade Short-Horn .....	40	22	221	42	16	7	12	17	9	59	70	445	24
	Young Mary of Turlington .....	Short-Horn .....	30	15	125	69	15	7	8	16	16	39	69½	340	23
Average .....			38	21	144	55	16	7	11	19	16	50	60	376	22

Age, 2 and under 3 years.

Name and Postoffice of Exhibitor.	Name of Animal.	Breed.	Age in days	Average gain per day since birth	Live weight at slaughter	Weight dressed carcass, or four quarters	Per cent. net carcass or quarters to gross weight	Weight carcass, hide and tallow	Per ct. profitable wt carcass, hide, tallow to gross or live wt...	Weight tallow	Weight hide	Weight left fore quarter	Weight right fore quarter	Weight left hind quarter	Weight right hind quarter
Ind. B. Stock Co., Indianapolis, Ind.	Maine Boy	Hereford	951	1.73	1,555	1,036½	.66	1,210	.78	78	96	276	208½	246	246
Am. Aberdeen-Angus Ass'n, Independence, Mo.	Abernethy	Gr. Ab.-Angus	832	1.98	1,605	1,059½	.66	1,220½	.76	75	86	270½	276½	256	247½
J. D. Gillett, Elkhart	Fishback	Gr. Short-Horn	917	1.67	1,530	1,002	.63	1,158	.76	72	84	263½	259	234½	245
C. M. Culbertson, Chicago	Choctaw	Hereford	1,077	1.65	1,740	1,181½	.68	1,345	.77	71	93	305	319	289½	278
Adams Earl, Lafayette, Ind.	Shadeland	Grade Hereford	876	2.00	1,720	1,173	.68	1,369	.80	98	98	299	299½	289	285½
B. Waddel, Marion, O.	Ohio Belle	Gr. Short-Horn	1,075	1.54	1,620	1,116½	.63	1,253½	.77	60	77	281	284	276½	275
Fowler & Van Natta, Fowler, Ind.	Robert	Gr. Short-Horn	1,056	1.33	1,380	887½	.64	1,060½	.77	83	90	227	231½	216	213
D. W. Smith, Bates	Underidge	Short-Horn	957	1.78	1,715	1,107	.64	1,310	.76	110	93	281	284½	270	271½
Ind. B. Stock Co., Indianapolis, Ind.	Prince	Hereford	996	1.86	1,845	1,304	.70	1,472	.80	70	98	332½	322½	317	332
C. S. Barclay, West Liberty, Ia.	McCroskey	Gr. Short-Horn	939	1.64	1,480	977½	.66	1,119½	.76	57	85	255	257	234	231½
T. W. Harvey, Turlington, Neb.	Quality	Gr. Short-Horn	1,052	1.68	1,755	1,135	.64	1,309	.75	72	102	291	294	278	272
Average			975	1.71	1,631	1,089	.67	1,257	.77	77	91	281	280	264	263



*Dressed Carcass—Continued.*

Age 2 and under 3 years—*Continued.*

Name and Postoffice of Exhibitor.	Name of Animal.	Breed.	Weight head.....	Weight feet.....	Weight paunch.....	Weight guts.....	Weight liver.....	Weight heart.....	Weight tongue.....	Weight lungs.....	Weight of trimmings.	Weight of blood.....	Loss of weight by shrinkage.....	Weight of unprofitable parts.....	Per ct. unprofitable wt. including shrinkage to gross or live wt...
Ind. B. Stock Co., Indianapolis, Ind....	Maine Boy.....	Hereford.....	40	18	119	54	14	5	10	13	10	31	31	314	22
Am. Aberdeen-Angus Ass'n, Independence, Mo.....	Abernethy.....	Gr. Ab.-Angus.....	30	20	144	49	15	6	9	15	15	41	40½	344	24
J. D. Gillett, Elkhart.....	Fishback.....	Gr. Short-Horn.....	33	18	130	43	12	5	10	18	13	36	54	318	24
C. M. Culbertson, Chicago.....	Choctaw.....	Hereford.....	40	20	134	51	15	5	10	20	15	34	61	334	23
Adams Earl, Lafayette, Ind.....	Shadland.....	Grade Hereford.....	37	18	99	54	15	6	9	19	16	44	34	317	20
B. Waddel, Marion, O.....	Ohio Belle.....	Gr. Short-Horn.....	29	16	130	50	16	5	10	17	11	41	41½	325	23
Fowler & Van Natta, Fowler, Ind.....	Robert.....	Hereford.....	35	16	96	50	12	5	9	14	12	38	32½	287	23
D. W. Smith, Bates.....	Underidge.....	Short-Horn.....	32	21	131	55	17	6	9	19	12	41	62	343	24
Ind. B. Stock Co., Indianapolis, Ind....	Prince.....	Hereford.....	37	21	129	48	16	6	11	17	25	37	26	347	20
C. S. Barclay, West Liberty, Ia.....	McCroskey.....	Gr. Short-Horn.....	33	18	117	44	15	6	10	15	11	45	46½	314	24
T. W. Harvey, Burlington, Neb.....	Quality.....	.....	32	19	165	51	15	6	8	22	13	45	70	376	25
Average.....	.....	.....	34	19	126	50	15	5	9½	17	15	39	45	329	23

Age 1 and under 2 years.

Name and Postoffice of Exhibitor.	Name of Animal.	Breed.	Age in days.....	Average gain per day since birth.....	Live wt. at slaughter.	Weight dressed carcass.....	Per cent. net carcass to gross weight.....	Weight carcass, hide and tallow.....	Per ct. profitable wt. carcass, hide and tallow to gr. or live wt..	Tallow.....	Hide.....	Left fore quarter.....	Right fore quarter....	Left hind quarter.....	Right hind quarter... ..
M. H. Cochrane, Compton, Que.....	Quality.....	Grade Ab.-Angus..	613	2.08	1,220	811	.66	938	.77	52	75	212	211	197	191
J. D. Gillett, Elkhart.....	Deacon No. 2.....	Short-Horn Jersey	621	1.79	1,110	696	.63	828	.74	60	72	183½	181	168	164
T. W. Harvey, Turlington, Neb.....	Redbud Nero.....	Grade Short-Horn	661	1.59	1,040	636	.61	724	.70	22	66	167	164	153	152
B. Waddel, Marion, O.....	Orlo.....	Short-Horn.....	597	2.50	1,470	955	.65	1,090	.74	52	83	245½	235	235½	239
Fowler & VanNatta, Fowler, Ind.....	Joseph.....	Grade Hereford...	688	2.22	1,490	980½	.65	1,129½	.76	62	87	243½	247	250	240
Jno. P. Gillett, Elkhart.....	Turley.....	Grade Short-Horn	530	2.05	1,110	653½	.59	786½	.71	64	69	166	166	163	158½
Average.....	.....	.....	618	2.04	1,240	789	.64	916	.74	52	75	203	201	194	191

*Dressed Carcass—Continued.*Age 1 and under 2 years—*Continued.*

Name and Postoffice of Exhibitor.	Name of Animal.	Breed.	Weight head .....	Weight feet.....	Weight paunch. ....	Weight guts.....	Weight liver .....	Weight heart. ....	Weight tongue.....	Weight lungs.....	Weight of trimmings.	Weight of blood.....	Loss of weight by shrinkage .....	Weight of unprofitable parts.....	Per cent. unprofitable wt. including shrinkage, to gross or live wt....
M. H. Cochrane, Compton, Que. ....	Quality .....	Grade Ab.-Angus..	25	16	91	40	12	5	7	14	10	30	32	250	23
J. D. Gillett, Elkhart.....	Deacon No. 2 .....	Short-Horn Jersey	26	16	94	37	11	5	8	15	9	32	29	253	26
T. W. Hurvey, Burlington, Neb. ....	Rebuid Nero .....	Grade Short-Horn	25	15	127	37	11	4	7	11	8	27	44	272	30
B. Waddel, Marion, O .....	Orlo .....	Short-Horn.....	31	21	138	40	14	6	10	17	16	30	57	323	26
Fowler & VanNatta, Fowler, Ind .....	Joseph.....	Grade Hereford...	33	18	113	47	14	6	8	14	12	30	65½	295	24
Jno. P. Gillett, Elkhart.....	Turley .....	Grade Short-Horn	23	17	116	51	12	6	7	13	8	29	41½	282	29
Average. ....	.....	.....	27	17	113	42	12	5	8	14	10	30	45	279	26



## Age under 1 year.

Name and Postoffice of Exhibitor.	No. Yeomans .....	Name of Animal.	Breed.	Weight right hind quarter.....	
					139½
Tom C. Ponting, Moweauqua.....				Weight left hind quarter.....	142½
				Weight right fore quarter.....	139½
				Weight left fore quarter .....	140½
				Weight hide .....	76
				Weight tallow .....	36
				Per ct. profitable wt. (carcass, hide tallow) to gross or live wt...	.73
				Weight carcass, hide and tallow.....	674
				Per cent. net carcass or quarters to gross weight.....	.60
				Weight dressed carcass .....	562
				Live weight at slaughter .....	930
				Average gain per day since birth .....	2.97
				Age in days .....	325
				Grade Hereford.....	

## Age under 1 year—Continued.

Name and Postoffice of Exhibitor.	No. Yeomans .....	Name of Animal.	Breed.	Per cent. unprofitable weight, including shrinkage, to gross or live weight.....	
					.27
Tom C. Ponting Moweauqua.....				Weight of unprofitable parts .....	244
				Loss of weight by shrinkage.....	12
				Weight of blood.....	30
				Weight of trimmings.	7
				Weight of lungs.....	12
				Weight of tongue...	7
				Weight of heart.....	3
				Weight of liver.....	11
				Weight of guts .....	41
				Weight of paunch...	97
				Weight of feet.....	15
				Weight of head.....	21
				Grade Hereford....	

LOT 13.—DRESSED CARCASS—SWEETSTAKES.

Steer, Barren Cow or Spayed Heifer of any age.

Name and Postoffice of Exhibitor	Name of Animal.	Breed.	Age in days .....	Average gain per day since birth .....	Live weight at slaughter.	Weight dressed carcass..	Per cent. net carcass or quarters to gross weight	Weight carcass, hide and tallow .....	Per ct. profitable wt. carcass, hide and tallow to gross or live weight.....	Weight tallow .....	Weight hide .....	Weight left fore quarter .....	Weight right fore quarter .....	Weight left hind quarter .....	Weight right hind quarter .....
Jas. R. Anderson, Anderson, O.	Chicago .....	Short-Horn.....	1,195	1.76	2,065	1,398	.67	1,611	.78	115	98	350	353½	353	341½
M. H. Cochran, Compton, Que.	Netherwood Jock .....	Aberdeen-Angus .....	1,404	1.35	1,835	1,236	.67	1,457	.79	136	85	346	317	298	294
Lucien Scott, Leavenworth, Kas.	Jim Lee .....	Grade Hereford..	1,257	1.50	1,875	1,229	.65	1,401	.77	107	105	325	326½	289	284½
C. W. F. S. Ass'n, Branford, Ont.	Clare's Kirkley .....	Short-Horn .....	1,372	1.74	2,370	1,639½	.71	1,831	.81	125	95	449	430½	400½	377½
C. W. F. S. Ass'n, Branford, Ont.	President .....	Gr. Short - Horn.	1,306	1.77	2,260	1,606	.65	1,208½	.75	121	93	410	430½	363	373½
John P. Gillett, Elkhart, Ind.	White Stockings .....	Gr. Short - Horn.	1,246	1.35	2,030	1,104½	.65	1,208½	.81	125	95	449	430½	363	373½
Adams Earl, Lafayette, Ind.	Hoosier .....	Hereford.....	1,389	1.49	2,030	1,418	.69	1,632	.80	106	108	365	353½	356	327½
Fowler & Van Natta, Fowler, Ind.	Price .....	Grade Hereford..	1,397	1.64	2,140	1,445½	.67	1,676½	.78	131	100	386	386½	346½	327½
Jno. Ross & Son, Bucyrus, O.	Charley Ross .....	Gr. Short - Horn.	1,250	1.61	2,175	1,470	.67	1,660	.76	84	106	397	402½	340	330½
Ind. B. St'k Co., Indianapolis, Ind.	Maine Boy .....	Hereford .....	951	1.73	1,555	1,036½	.66	1,210	.78	78	96	276	268½	246	246
Am. Aberdeen Angus Ass'n., Independence, Mo.	Abernethy .....	Grade Ab.-Angus .....	832	1.98	1,605	1,059½	.66	1,220½	.76	75	86	270½	276½	255	247½
J. D. Gillett, Elkhart .....	Fishback .....	Gr. Short-Horn..	917	1.67	1,530	1,002	.65	1,158	.76	72	84	263½	270½	245	247½
C. M. Culbertson, Chicago .....	Chortaw .....	Hereford .....	1,077	1.65	1,740	1,181½	.68	1,349	.77	71	93	305	309	289½	278
Adams Earl, Lafayette, Ind.	Shadeland .....	Grade Hereford..	876	1.70	1,720	1,173	.68	1,365	.79	98	98	299	299½	289	285½
B. Waddel, Marion, O.	Ohio Belle .....	Gr. Short - Horn.	1,075	1.54	1,620	1,116½	.69	1,253½	.77	80	77	281	284	276½	275
Fowler & Van Natta, Fowler, Ind.	Robert .....	Gr. Short - Horn.	1,056	1.53	1,380	1,087½	.64	1,060½	.77	83	90	227	231½	216	213
D. W. Smith, Bates .....	Underidge .....	Short-Horn .....	957	1.78	1,715	1,107	.64	1,310	.76	110	93	281	281½	270	271½
Ind. B. St'k Co., Indianapolis, Ind.	Prince .....	Hereford .....	936	1.86	1,845	1,304	.70	1,472	.80	70	98	332½	332	317	332
C. S. Barclay, West Liberty, Ia.	McCroskey .....	Gr. Short-Horn.	939	1.64	1,480	977½	.66	1,119½	.74	57	85	255	254	232	231
T. W. Harvey, Turlington, Neb.	Quality .....	Gr. Short-Horn.	1,052	1.68	1,755	1,135	.64	1,309	.74	72	102	291	291	272	272
M. H. Cochran, Compton, Que.	Quality No. 2 .....	Grade Ab.-Angus .....	613	2.08	1,220	811	.66	938	.77	52	75	212	211	197	191
Jno. D. Gillett, Elkhart .....	Deacon No. 2 .....	Short-H'n-Jer's y .....	621	1.79	1,110	696	.63	838	.74	69	72	183½	181	168	164
T. W. Harvey, Turlington, Neb.	Redbud Nero .....	Gr. Short-Horn .....	601	1.59	1,040	696	.61	724	.69	22	65	167	164	153	152
B. Waddel, Marion, O.	Orion .....	Short-Horn .....	597	2.50	1,070	955	.65	1,090	.74	52	83	245½	235	235	230
Fowler & Van Natta, Fowler, Ind.	Joseph .....	Grade Hereford..	688	2.22	1,490	980½	.65	1,294½	.76	62	87	166	166	163	158½
John P. Gillett, Elkhart .....	Turley .....	Gr. Short-Horn..	530	2.05	1,110	653½	.59	756½	.71	64	69	166	166	142½	139½
Tom C. Ponting, Moweaqua .....	Jno. Yeomans .....	Gr. Short-Horn..	325	2.97	930	562	.60	674	.73	36	76	140½	139½	407	406½
Geo. Leitch & Co., Aurora, Ont.	Black Prince .....	Aberdeen-Angus .....	1,744	1.43	2,400	1,712	.61	1,921	.80	83	126	451	447½	229	229
T. W. Harvey, Turlington, Neb.	Linnet .....	Hereford.....	973	1.49	1,430	962	.66	1,076	.75	40	74	248	248	248	248
T. W. Harvey, Turlington, Neb.	Young Mary of T .....	Short-Horn .....	1,380	1.34	1,815	1,219½	.67	1,45½	.77	116	70	307½	327½	292	292½

Name and Postoffice of Exhibitor..	Name of Animal.	Breed.	Weight of head.....	Weight of feet.....	Weight of paunch.....	Weight of guts.....	Weight of liver.....	Weight of heart.....	Weight of tongue.....	Weight of lungs.....	Weight of trimmings....	Weight of blood.....	Loss of weight by shrinkage.....	Weight of unprofitable parts.....	Per ct. unprofitable wt. including shrinkage to gross or live weight...
Jas. R. Anderson, Anderson, O.	Chicago	Short-Horn	37	20	161	44	17	8	10	20	16	54	67	387	18
M. H. Cochran, Compton, Que.	Netherwood Jock	Aberdeen-Angus	35	21	115	46	15	6	12	20	13	55	40	338	18
Lucien Scott, Leavenworth, Kas.	Jim Lee	Grade Hereford..	39	23	150	45	15	10	13	17	11	47	72	302	19
Can. W. F. Stk. Ass'n., Brantford, Ont.	C. Kirklevington.	Short-Horn	44	23	118	80	18	9	13	23	25	53	58½	465	17
Jno. P. Gillett, Elkhart	President.	Gr. Short-Horn..	41	22	142	55	17	7	12	20	25	47	38	388	17
Adams Earl, Lafayette, Ind.	White Stockings.	Hereford.	39	22	135	47	17	5	11	18	12	49	68½	353	21
Fowler & Van Natta, Fowler, Ind.	Hoosier.	Grade Hereford..	40	21	127	60	14	7	11	18	12	40	50	348	17
Jno. B. Ross & Son, Bucyrus, O.	Price.	Gr. Short-Horn..	37	21	152	60	17	7	11	25	22	46	65½	398	18
Ind. B. Stk. Co., Indianapolis, Ind.	Charley Ross.	Gr. Short-Horn..	40	22	121	42	16	5	12	17	9	59	70	445	20
Am. Ab.-Angus Ass'n., Independence, Mo.	Mame Boy.	Grade Ab.-Angus	30	18	119	54	14	5	10	13	10	31	40½	314	20
J. D. Gillett, Elkhart	Fishback.	Gr. Short-Horn..	30	20	144	49	15	12	9	15	15	31	40½	314	20
C. M. Culbertson, Chicago	Choctaw.	Hereford.	33	18	130	43	12	5	10	18	13	36	54	318	21
Adams Earl, Lafayette, Ind.	Shadland.	Grade Hereford..	40	20	124	43	12	5	10	18	13	36	54	318	21
B. Waddel, Marion, O.	Ohio Belle.	Gr. Short-Horn..	37	18	99	54	15	5	10	19	15	34	61	334	19
Fowler & Van Natta, Fowler, Ind.	Robert.	Hereford.	29	16	130	50	16	5	10	17	11	41	34	317	18
D. W. Smith, Bates.	Underidge.	Short-Horn.	35	16	96	50	12	5	9	14	12	38	32½	325	20
Ind. B. Stk. Co., Indianapolis, Ind.	Met roskey.	Short-Horn.	32	21	131	55	17	6	9	19	12	41	62	287	21
C. S. Barclay, West Liberty, Ia.	Quality.	Gr. Short-Horn..	37	21	129	48	16	6	11	17	25	37	26	347	19
T. W. Harvey, Turlington, Neb.	Quality.	Gr. Short-Horn..	33	18	117	44	15	6	10	15	11	45	46	314	21
M. H. Cochran, Compton, Que.	Deacon No. 2.	Grade Ab.-Angus.	25	16	91	40	12	5	8	22	13	45	70	376	21
J. D. Gillett, Elkhart	Redbud Nero.	Sht-H-n-Jersey.	26	16	94	37	11	5	7	14	10	30	32	250	20
T. W. Harvey, Turlington, Neb.	Orio.	Gr. Short-Horn..	25	15	127	37	11	4	7	15	8	32	29	253	23
B. Waddel, Marion, O.	Joseph.	Short-Horn	31	21	138	40	14	6	10	17	16	37	44	272	26
John P. Gillett, Elkhart.	Turkey.	Grade Hereford..	33	18	113	47	14	6	8	14	12	30	57	326	22
Tom C. Ponting, Moweaqua	Jno. Yeomans.	Gr. Short-Horn..	23	17	116	51	12	6	7	13	12	30	65½	295	20
Geo. Bros., London, Ont.	Black Prince.	Grade Hereford..	21	15	97	41	11	3	7	8	7	29	41½	282	25
Geo. Leigh & Co., Aurora.	Junet.	Ab.-Angus	40	25	142	62	16	8	12	24	21	53	70	244	26
T. W. Harvey, Turlington, Neb.	Young Mary of T.	Hereford.	28	13	131	50	14	6	8	12	16	27	47	409	17
		Short-Horn.	30	15	125	69	15	7	8	16	16	39	69½	340	19



# LOT 14—HEAVIEST FAT STEER.

Open to all ages.

No.	Exhibiter.	Age, in days, Nov. 11, 1884.....	Weight, Nov. 11, 1884.....	Average gain per day, in pounds, since birth.....	Name of Animal.	Breed.
186	John B. Sherman, Chicago.	3,498	3,220	.92	Tiny Tim.....	Gr. Short-Horn..
187		1,762	2,440	1.38	Level Head.....	Grade Hereford..
169	T. W. Harvey, Turlington, Neb.....	1,715	2,338	1.36	Grand Chunk....	Gr. Short-Horn..
8	T. W. Harvey, Turlington, Neb.....	1,210	2,202	1.82	Snow Flake.....	Short-Horn.....
	Average.....	2,046	2,550	1.25		

First premium, \$75, to steer Tiny Tim, exhibited by John B. Sherman, Chicago.

Second premium, \$50, to steer Level Head, exhibited by John B. Sherman, Chicago.

Third premium, \$25, to steer Grand Chunk, exhibited by T. W. Harvey, Turlington, Neb.

# LOT 15—GAIN PER DAY.

Steer, Barren Cow or Spayed Heifer showing the greatest average gain per day, including weight at birth—3 and under 4 years.

No.	Exhibiter.	Age, in days, Nov. 11, 1884.....	Weight, Nov. 11, 1884.....	Average gain per day, in pounds, since birth.....	Name of Animal.	Breed.
51	J. H. Potts & Son, Jacksonville	1,349	2,165	1.60	Porter.....	Gr. Short-Horn..
2	James R. Anderson, Anderson, O.....	1,195	2,105	1.76	Chicago.....	Short-Horn.....
57	John B. Sherman, Chicago.	1,351	2,295	1.75	Sangamon.....	Her'rd-Sh't-H'n
59	John P. Gillett, Elkhart.....	1,170	1,925	1.64	Kinthead.....	Gr. Short-Horn..
61	" " " ".....	1,240	1,850	1.49	Chub.....	" " " "
62	John D. Gillett, Elkhart.....	1,250	2,340	1.87	Conover.....	" " " "
66	" " " ".....	1,284	1,905	1.49	Crump.....	" " " "
65	" " " ".....	1,439	2,186	1.45	L. Dean.....	" " " "
63	" " " ".....	1,442	2,170	1.50	Foster.....	" " " "
69	Fowler & VanNatta, Fowler, Ind.....	1,301	2,300	1.76	Benton's Cham..	Grade Hereford..
71	John Ross & Son, Bucyrus, Ohio.....	1,250	2,265	1.81	Charley Ross....	Gr. Short-Horn..
	Average.....	1,297	2,137	1.65		

First premium, \$50, to steer Conover, exhibited by John D. Gillett, Elkhart.

Second premium, \$25, to steer Charley Ross, exhibited by John Ross & Son, Bucyrus, Ohio.

## Steer or Spayed Heifer 2 and under 3 years.

No.	Exhibiter.	Age in days, Nov. 11, 1884.....	Weight Nov. 11, 1884.....	Average gain per day in pounds, since birth.....	Name of Animal.	Breed.
73	J. H. Potts & Son, Jacksonville.....	1,011	1,785	1.76	Fred.....	Gr. Short-Horn..
82	Ind. Blooded Stock Co., Indianapolis, Ind.....	952	1,760	1.84	Nip.....	Grade Hereford..
81	Ind. Blooded Stock Co., Indianapolis, Ind.....	911	1,740	1.90	Luck.....	" "
37	Ind. Blooded Stock Co., Indianapolis, Ind.....	902	1,775	1.96	Suspense.....	Hereford.....
84	Am. Aberdeen-Angus Ass'n, Independence, Mo.....	832	1,652	1.98	Abernethy.....	Grade-Ab-Angus
177	Jno. B. Sherman, Chicago.....	863	1,762	2.04	J. C. Bone.....	Gr. Short-Horn..
111	John P. Gillett, Elkhart.....	1,071	1,951	1.81	Barney.....	" "
95	" " " ".....	946	1,696	1.70	Adams.....	" "
93	" " " ".....	975	1,670	1.79	Pointover.....	" "
97	John D. Gillett, Elkhart.....	1,076	1,076	1.93	Trump.....	" "
101	" " " ".....	887	1,745	1.96	J. P. Reynolds...	" "
182	" " " ".....	917	1,301	1.67	Fishback.....	" "
99	" " " ".....	928	1,305	1.77	Lookover.....	" "
18	T. W. Harvey, Turlington, Neb.....	750	1,420	1.89	Sonsie Lad.....	Short-Horn.....
19	D. W. Smith, Bates.....	1,021	1,742	1.70	Illustrious.....	" "
20	" " " ".....	957	1,705	1.78	Underidge.....	" "
109	Fowler & VanNatta, Fowler, Ind.....	902	1,855	2.06	McGregor.....	Grade Hereford..
110	T. C. Ponting, Moweaqua...	867	1,815	2.09	John A. Logan...	" "
	Average.....	926	1,740	1.88		

First premium, \$50, to steer John A. Logan, exhibited by Tom C. Ponting, Moweaqua.

Second premium, \$25, to steer McGregor, exhibited by Fowler & VanNatta, Fowler, Ind.

## Steer or Spayed Heifer 1 and under 2 years.

No.	Exhibiter.	Age in days, Nov. 11, 1884.....	Weight Nov. 11, 1884.....	Average gain per day in pounds, since birth.....	Name of Animal.	Breed.
120	J. H. Potts & Son, Jacksonville.....	597	1,365	2.29	Victor.....	Gr. Short-Horn..
121	J. H. Potts & Son, Jacksonville.....	598	1,385	2.32	Red Cloud.....	" "
45	Ind. Blooded Stock Co., Indianapolis, Ind.....	410	1,125	2.74	Blaine.....	Aberdeen-Angus
46	Ind. Blooded Stock Co., Indianapolis, Ind.....	400	975	2.43	Logan.....	" "
127	Lucien Scott, Leavenworth, Kas.....	635	1,405	2.21	Captain.....	Grade Holstein..
131	John D. Gillett, Elkhart.....	639	1,366	2.14	Rocket.....	Gr. Short-Horn..
133	" " " ".....	612	1,235	2.02	Col. Mills.....	" "
142	" " " ".....	480	1,075	2.24	Dick.....	" "
144	" " " ".....	603	1,420	2.35	Driver.....	" "
47	T. W. Harvey, Turlington, Neb.....	634	1,316	2.07	Paris Favorite...	Aberdeen-Angus

## Steer or Spayed Heifer 1 and under 2 years—Continued.

No.	Exhibiter.	Age, in days, Nov. 11, 1884.....	Weight Nov. 11, 1884.....	Average gain per day, in pounds, since birth.....	Name of Animal.	Breed.
25	B. Waddel, Marion, O.....	597	1,495	2 50	Orio.....	Short-Horn.....
135	Fowler & Van Natta, Fowler, Ind..	688	1,530	2 22	Joseph.....	Grade Hereford..
137	Fowler & Van Natta, Fowler, Ind..	654	1,470	2 24	Dandy Boy.....	" "
26	A. M. Winslow's Sons, Kan- kakee.....	383	930	2 43	Daisy Boy.....	Short-Horn.....
138	B. Hershey, Muscatine, Ia..	617	1,485	2 41	Prospect.....	Grade Hereford..
128	M. H. Cochrane, Compton, Que.....	613	1,278	2 08	Quality.....	Grade Ab-Angus
	Average.....	572	1,303	2 28		

First premium, \$50, to steer Blaine, exhibited by Ind. Blooded Stock Co., Indianapolis, Ind

Second premium, \$25, to steer Orio, exhibited by B. Waddel, Marion, O.

## Steer or Spayed Heifer under 1 year.

No.	Exhibiter.	Age, in days, Nov. 11, 1884.....	Weight Nov. 11, 1884.....	Average gain per day, in pounds, since birth.....	Name of Animal.	Breed.
148	Lucien Scott, Leavenworth, Kas.....	268	710	2 64	Pilate.....	Grade Hereford..
149	John P. Gillett, Elkhart....	138	385	2 78	Justine.....	Gr. Short-Horn..
156		138	353	2 57	Jessie.....	" "
150	B. Waddel, Marion, O.....	288	932	3 24	Samson.....	" "
151	Fowler & VanNatta, Fowler, Ind.....	330	850	2 57	Logan.....	Grade Hereford..
153	Tom C. Ponting, Moweaqua	325	965	2 97	John Yeomans...	" "
154	J. R. Price, Williamsville...	350	920	2 62	Lindall.....	" "
155		341	965	2 53	Leland.....	" "
	Average.....	272	748	2 75		

First premium, \$50, to steer Samson, exhibited by B. Waddel, Marion, O.

Second premium, \$25, to steer John Yeomans, exhibited by Tom C. Ponting, Moweaqua



## CLASS B—HORSES.

E. C. LEWIS, *Superintendent.*

No. of Stall.....	Name and Postoffice of Exhibitor.	Date of birth.....	Weight in lbs. Nov. 11, 1884.....	Name of Animal.	Breed.	Color.
1	John Virgin, Fairbury.	1879	1,700	J. Irving	Norman	Dark Gray....
2	"	1882	1,720	Conqueror.	"	Dapple Gray....
3	"	1880	1,760	Moulton.	"	"
4	"	1881	1,940	Courtesan.	"	Dark Gray....
5	"	1879	1,920	Utah.	"	Black....
6	"	1880	1,920	Vanquisher.	"	Dark Brown....
7	James A. Perry, Wilmington.	1878	2,100	Gray Duke.	"	Gray....
8	"	1880	"	Kankakee Valley Bob.	"	"
9	"	1880	"	Sonoma Boy.	"	"
10	"	1880	"	What's Wanted.	"	Dapple Gray....
11	"	1880	"	Bay Duke	"	Gray....
12	"	1880	"	Jim Crow.	"	Bay....
13	Degen Bros., Ottawa.	1880	1,720	Rouen.	"	Black....
14	"	1881	1,750	Godshon.	"	Gray....
15	"	1880	1,940	Porthous.	"	Dapple Gray....
16	"	1881	1,800	Madire.	"	Roan....
17	"	1873	1,860	Royal Jack.	"	Gray....
18	"	1879	1,960	Amonreux.	"	Bay....
19	Dillon Bros., Normal.	1881	1,875	Strombola.	"	Brown....
20	"	1878	1,950	Crown Jewel.	"	Light Gray....
21	"	1879	1,890	Madam Dupont.	"	Dapple Gray....
22	J. Irving Pearce, Jr., Chicago.	1876	"	Lady Wilmington, f m Dhudeen	"	Bay....
23	D. Fischer, Goderich, Ont.	1881	1,770	Joek.	Clydesdale.	"
24	"	1882	1,500	Derbyshire.	English Shire.	Brown.
25	"	1882	1,450	Enterprise.	Clydesdale.	"
26	"	1876	1,700	John.	"	"
27	"	1876	1,850	Haddo.	"	"
28	A. Smith, Goderich, Ont.	"	"	Woodbridge Chief.	English Draft.	Bay....
29	"	"	"	Cleveland	Cleveland Bay.	"
30	J. H. Truman, Bushnell.	June 4.	"	Mary.	Grade Shire.	Black....
31	"	June 12.	"	Elizabeth.	"	"
32	"	July 18.	"	Dora.	"	Bay....
	"	July 16.	"	Tom.	"	"

Class B—Horses—Continued.

No. of Stall.....	Name and Postoffice of Exhibitor.	Date of birth.....	Weight in lbs. Nov. 11, 1884.....	Name of Animal.	Breed.	Color.
33	J. H. Truman, Bushnell.....	1882		Philo.....	Full Blood Shire.....	Brown.....
34	"	1883		Stranger.....	"	"
35	"	1882		Philistine.....	"	Bay.....
36	"	1880		Mepal Lady.....	"	"
37	"	1872		Indian.....	"	"
38	"	1872		Wonder.....	"	"
39	Brookside Farm Co., Ft. Wayne, Ind.....	June 5, 1884		Glen Lochy.....	Clydesdale.....	Dun.....
40	"	1881	1,750	Victor.....	"	Black.....
41	"	1889	1,435	Lochfergus.....	"	Brown.....
42	"	1881	1,980	Scott.....	"	Bay.....
43	"	1880	1,645	Albany.....	"	"
44	"	1881	1,630	Bal Grudien Bob.....	"	Chestnut.....
45	"	1882	1,610	Captain Johnson.....	"	Bay.....
46	George Leigh & Co., Aurora.....	1881	1,600	Prowman.....	"	"
47	"	1882	1,720	Clansman 2146.....	"	Dark Bay.....
48	W. S. Blair, New Lenox.....	June, 1881	1,800	Casino.....	Norman.....	Dapple Gray.....
49	Dillon Bros., Normal.....	1880	1,950	Modesty G.....	"	Light Gray.....
50	"	1876	1,940	Leisure B.....	"	Dark Gray.....
51	"	1880	2,080	Moll.....	"	"
173	M. Nash, Chicago.....	1878		Kate.....	"	"
174	"	1878				

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No. of stall.....	Name and Postoffice of Exhibitor.	Date of birth.	Age in days.....	Weight November 11, 1884.....	Average gain per day, in pounds, since birth.....	Name of Animal.	Breed.
9	J. H. Potts & Son, Jacksonville.....	Mar. 19, 1882	908	195	20	No. 32	Southdown
9	"	Mar. 25, 1882	962	241	25	Prince.....	Southdown
10	"	Mar. 15, 1882	972	221	23	No. 34.....	Southdown
10	"	Mar. 25, 1882	982	216	22	Henry.....	Southdown
11	"	Mar. 25, 1882	992	184	19	Dick.....	Southdown
11	"	Mar. 28, 1882	999	218	23	George.....	Southdown
12	"	April 15, 1883	576	167	16	Larry.....	Southdown
12	"	April 10, 1883	581	157	26	Patsy.....	Southdown
13	"	April 1, 1883	590	190	32	Ed.....	Southdown
13	"	April 1, 1883	590	180	30	Barney.....	Southdown
13	"	April 1, 1883	590	185	31	Charlie.....	Southdown
14	"	Feb. 14, 1884	271	104	38	Bob.....	Southdown
15	"	Feb. 8, 1884	277	113	41	No. 56.....	Southdown
16	"	Feb. 23, 1883	597	192	32	Jack.....	Southdown
16	"	Feb. 12, 1884	273	126	49	Bert.....	1-16 Native, 15-16 Southdown.
17	B. Waddel, Marion, O.....	April 20, 1882	936	179	19	Jimmy.....	$\frac{1}{2}$ Southdown, $\frac{1}{2}$ Cotswold.
17	"	Oct. 23, 1882	750	252	31	Billy.....	Leicester.
19	Geo. Allen & Son, Archie.....	April 23, 1883	568	160	28	Joe.....	$\frac{1}{2}$ Cotswold, $\frac{3}{4}$ Shropshire.
19	"	April 15, 1883	576	148	26	Dick.....	$\frac{1}{2}$ Native, $\frac{1}{2}$ Shropshire.
20	"	April 18, 1883	573	163	28	Charlie.....	Shropshire.
21	"	May 11, 1884	181	122	67	Bob.....	$\frac{1}{4}$ Cotswold, $\frac{3}{4}$ Shropshire.
21	"	May 11, 1884	184	124	77	Ned.....	$\frac{1}{4}$ Native, $\frac{3}{4}$ Shropshire.
22	Frank Willson, Jackson, Mich.....	Mar. 11, 1882	976	281	29	Model.....	Shropshire.
22	"	April 16, 1883	575	186	31	Jack.....	$\frac{1}{2}$ Cotswold, $\frac{1}{2}$ Southdown.
24	"	Mar. 12, 1882	975	280	29	Mack.....	Cotswold.
24	"	Mar. 13, 1882	974	275	28	Murphy.....	$\frac{1}{2}$ Cotswold, $\frac{1}{2}$ Southdown.
25	"	Mar. 14, 1882	973	249	26	Ned.....	$\frac{1}{2}$ Cotswold, $\frac{1}{2}$ Southdown.
25	"	Mar. 15, 1882	972	254	24	Ted.....	$\frac{1}{2}$ Cotswold, $\frac{1}{2}$ Southdown.
27	Stone & Loake, Stonington.....	May 10, 1884	185	110	59	Stonington.....	Cotswold.
27	"	May 20, 1882	907	145	16	Economy.....	$\frac{1}{2}$ Native, $\frac{1}{2}$ Shropshire.
27	"	May 26, 1884	169	104	61	Hudson.....	$\frac{1}{2}$ Native, $\frac{1}{2}$ Hampshire.
27	"	May 6, 1884	189	99	52	Sanders.....	$\frac{1}{2}$ Native, $\frac{1}{2}$ Oxford.
28	"	May 6, 1883	555	155	28	Jack.....	$\frac{1}{2}$ Native, $\frac{1}{2}$ Hampshire.
28	"	May 15, 1883	546	167	30	Camargo.....	Cotswold.

No. of stalls



Class C—*Sheep*—Continued.

No. of stall.....	Name and Postoffice of Exhibitor.	Date of birth.	Age, in days.....	Weight November 11, 1884.....	Average gain per day, in pounds, since birth, .....	Name of Animal.	Breed.
29	Stone & Loake, Stonington..	May 25, 1883	536	186	.34	Garfield.....	Oxford.....
29	"	May 20, 1883	541	161	.30	Smut.....	$\frac{1}{2}$ Native, $\frac{1}{2}$ Oxford.....
29	"	May 28, 1883	533	165	.31	Perfection.....	$\frac{1}{2}$ Native, $\frac{1}{2}$ Oxford.....
30	"	May 15, 1883	546	169	.31	Hero.....	$\frac{1}{2}$ Native, $\frac{1}{2}$ Oxford.....
32	Mrs. Ann Newton, Pontiac, Mich.	April 3, 1882	953	178	.19	Tom.....	Southdown.....
32	"	April 1, 1883	590	180	.30	Dick.....	Southdown.....
32	"	June 13, 1884	151	111	.73	Harry.....	Southdown.....
32	"	Mar. 10, 1883	977	232	.24	Jumbo.....	Rampshire.....
32	"	Mar. 25, 1883	597	194	.32	Dandy.....	Hampshire.....
32	"	April 1, 1884	225	151	.67	Purpin.....	Hampshire.....
32	"	April 10, 1884	216	171	.79	Tab.....	Cotswold.....
32	"	April 15, 1882	941	179	.19	Lu.....	$\frac{1}{2}$ Shropshire, $\frac{1}{2}$ Southdown.....
32	"	April 11, 1883	580	215	.37	Will.....	$\frac{1}{2}$ Hampshire, $\frac{1}{2}$ Cotswold.....
32	"	April 13, 884	212	125	.59	George.....	$\frac{1}{2}$ Shropshire, $\frac{1}{2}$ Leicester.....
32	"	May 4, 1882	922	129	.14	Percy.....	Southdown.....
32	"	May 4, 1882	922	129	.....	Pilot.....	.....
34	B. Waddel, Marion, O.	April 1, 1883	955	225	.23	Yeomans.....	Shropshire.....
34	"	April 10, 1882	946	230	.24	Harry.....	Shropshire.....
34	"	Jan. 10, 1882	1,036	228	.22	Jumbo.....	$\frac{1}{4}$ Oxford, $\frac{3}{4}$ Southdown.....
34	"	April 20, 1882	946	229	.24	Sir John.....	Shropshire.....
35	"	Jan. 5, 1885	676	172	.26	David.....	Shropshire.....
35	"	Jan. 12, 1883	669	190	.28	Erwin.....	Southdown.....
35	"	Oct. 20, 1883	3-8	140	.36	Harper.....	$\frac{1}{2}$ Native, $\frac{1}{2}$ Southdown.....
35	"	May 25, 1883	536	168	.31	Harvey.....	$\frac{1}{2}$ Native, $\frac{1}{2}$ Oxford.....
35	"	May 20, 1883	541	162	.30	Smut.....	$\frac{1}{2}$ Native, $\frac{1}{2}$ Oxford.....

## CLASS C—SHEEP.

D. W. VITTUM, Jr., *Superintendent.*

## LOT 18—SOUTHDOWNS.

Wether 2 and under 3 years.

No.	Exhibiter.	Age, in days, Nov. 11, 1884.....	Weight Nov. 11, 1884.....	Average gain per day, in pounds, since birth .....	Name of Animal.
241	J. H. Potts & Son, Jacksonville.....	968	195	.20	No. 32 .....
242	" " " " .....	972	221	.23	No. 34 .....
243	" " " " .....	962	241	.25	Prince .....
244	" " " " .....	962	216	.22	Henry .....
245	" " " " .....	959	218	.23	George .....
246	" " " " .....	962	184	.19	Dick .....
247	Mrs. Ann Newton, Pontiac, Mich.....	953	178	.19	Tom .....
Average.....		962	207	.21	

First premium, \$25, to wether Dick, exhibited by J. H. Potts &amp; Son, Jacksonville.

Second premium, \$15, to wether Prince, exhibited by J. H. Potts &amp; Son, Jacksonville.

Third premium, \$10, to wether Henry, exhibited by J. H. Potts &amp; Son, Jacksonville.

Wether 1 and under 2 years.

No.	Exhibiter.	Age, in days, Nov. 11, 1884.....	Weight Nov. 11, 1884.....	Average gain per day, in pounds, since birth .....	Name of Animal.
248	J. H. Potts & Son, Jacksonville.....	576	167	.29	Larry .....
249	" " " " .....	581	154	.26	Patsy .....
250	" " " " .....	590	190	.32	Ed .....
251	" " " " .....	590	185	.31	Charlie .....
252	" " " " .....	590	180	.30	Barney .....
253	Mrs. Ann Newton, Pontiac, Mich.....	590	180	.30	Dick .....
254	B. Waddel, Marion, O. ....	65	190	.28	Erwin .....
Average.....		598	178	.30	

First premium, \$25, to wether Charlie, exhibited by J. H. Potts &amp; Son, Jacksonville.

Second premium, \$15, to wether Ed, exhibited by J. H. Potts &amp; Son, Jacksonville.

Third premium, \$10, to wether Barney, exhibited by J. H. Potts &amp; Son, Jacksonville.

## Wether under 1 year.

No.	Exhibiter.	Age in days, Nov. 11, 1884.....	Weight Nov. 11, 1884.....	Average gain per day in pounds, since birth.....	Name of Animal.
255	J. H. Potts & Son, Jacksonville.....	271	104	.38	Bob.....
256	J. H. Potts & Son, Jacksonville.....	277	113	.41	No. 56.....
257	Mrs. Ann Newton, Pontiac, Mich.....	151	111	.73	Harry.....
Average.....		233	109	.47	

First premium, \$25, to wether Harry, exhibited by Mrs. Ann Newton, Pontiac, Mich.  
 Second premium, \$15, to wether No. 56, exhibited by J. H. Potts & Son, Jacksonville.  
 Third premium, \$10, to wether Bob, exhibited by J. H. Potts & Son, Jacksonville.

## LOT 19—OTHER DOWNS.

## Wether 2 and under 3 years.

No.	Exhibiter.	Age in days, Nov. 11, 1884.....	Weight Nov. 11, 1884.....	Average gain per day in pounds, since birth.....	Name of Animal.	Breed.
258	Mrs. Ann Newton, Pontiac, Mich.....	977	232	.24	Jumbo.....	Hampshire.....
259	B. Waddel, Marion, O.....	955	225	.23	Yeoman.....	Shropshire.....
260	".....	946	230	.24	Harry.....	".....
261	".....	936	229	.24	Sir John.....	".....
262	F. Willson, Jackson, Mich..	976	281	.29	Model.....	".....
Average.....		958	239	.25		

First premium, \$25, to wether Model, exhibited by Frank Willson, Jackson, Mich.  
 Second premium, \$15, to wether Harry, exhibited by B. Waddel, Marion, O.  
 Third premium, \$10, to wether Sir John, exhibited by B. Waddel, Marion, O.



## Wether 1 and under 2 years.

No.	Exhibiter.	Age in days, Nov. 11, 1884.....	Weight Nov. 11, 1884.....	Average gain per day, in pounds, since birth.....	Name of Animal.	Breed.
263	Stone & Loake, Stonington.	536	186	.34	Garfield.....	Oxford.....
264	Geo. Allen & Son, Archie...	573	163	.28	Charley.....	Shropshire.....
265	Mrs. Ann Newton, Pontiac, Mich.....	597	194	.32	Dandy.....	Hampshire.....
266	B. Waddel, Marion, O.....	676	172	.26	David.....	Shropshire.....
	Average.....	595	179	.30		

First premium, \$25, to wether Dandy, exhibited by Mrs. Ann Newton, Pontiac, Mich.

Second premium, \$15, to wether Charley, exhibited by Geo. Allen & Son, Archie.

Third premium, \$10, to wether David, exhibited by B. Waddel, Marion, O.

## Wether under 1 year.

No.	Exhibiter.	Age in days Nov. 11, 1884.....	Weight Nov. 11, 1884.....	Average gain per day, in pounds, since birth.....	Name of Animal.	Breed.
267	Mrs. Ann Newton, Pontiac, Mich.....	225	151	.67	Turpin.....	Hampshire.....

First premium, \$25, to wether Turpin, exhibited by Mrs. Ann Newton, Pontiac, Mich.

## LOT 20—COTSWOLDS.

## Wether 2 and under 3 years.

No.	Exhibiter.	Age in days, Nov. 11, 1884.....	Weight Nov. 11, 1884.....	Average gain per day, in pounds, since birth.....	Name of Animal.
268	F. Willson, Jackson, Mich.....	975	280	.29	Mack.....
269	.....	974	275	.28	Murphy.....
	Average.....	974	277	.28	

First premium, \$25, to wether Murphy, exhibited by Frank Willson, Jackson, Mich.

Second premium, \$15, to wether Mack, exhibited by Frank Willson, Jackson, Mich.

## Wether 1 and under 2 years.

No.	Exhibiter.	Age in days, Nov. 11, 1884.....	Weight Nov. 11, 1884.....	Average gain per day, in pounds, since birth.....	Name of Animal.
270	Stone & Loake, Stonington.....	546	167	.30	Camargo.....

First premium, \$25, to wether Camargo, exhibited by Stone & Loake, Stonington.

## Wether under 1 year.

No.	Exhibiter.	Age in days, Nov. 11, 1884.....	Weight Nov. 11, 1884.....	Average gain per day, in pounds, since birth.....	Name of Animal.
271	Stone & Loake, Stonington.....	185	110	.59	Stonington .....

Second premium, \$15, to wether Stonington, exhibited by Stone & Loake, Stonington.

## LOT 21—LEICESTER OR LINCOLN.

## Wether 2 and under 3 years.

No.	Exhibiter.	Age in days, Nov. 11, 1884.....	Weight Nov. 11, 1884.....	Average gain per day, in pounds since birth.....	Name of Animal.	Breed.
272	B. Waddel, Marion, O.....	750	232	.31	Billy.....	Leicester.....

Second premium, \$15, to wether Billy, exhibited by B. Waddel, Marion, O.

# LOT 22—GRADES AND CROSSES.

Wether 2 and under 3 years.

No.	Exhibiter.	Age in days, Nov. 11, 1884.	Weight, Nov. 11, 1884.	Average gain per day in pounds, since birth.	Name of Animal.	Breed.
273	Stone & Loake, Stonington.	907	145	.16	Economy.....	Gr'de Shropshire
274	Mrs. Ann Newton, Pontiac, Mich.	941	179	.19	Lue.....	Shrop'e-So'th'wn
275	B. Waddel, Marion, O.....	1,036	228	.22	Jumbo.....	Grade Oxford....
276	.....	936	179	.19	Jimmy.....	.....
277	F. Willson, Jackson, Mich..	973	249	.26	Ned.....	Cotsw'd-So'thd'n
278	.....	972	234	.24	Ted.....	.....
Average.....		961	202	.21		

First premium, \$25, to wether Ned, exhibited by Frank Willson, Jackson, Mich.  
 Second premium, \$15, to wether Ted, exhibited by Frank Willson, Jackson, Mich.  
 Third premium, \$10, to wether Jumbo, exhibited by B. Waddel, Marion, O.

Wether 1 and under 2.

No.	Exhibiter.	Age in days, Nov. 11, 1884.	Weight Nov. 11, 1884.	Average gain per day, in pounds, since birth.	Name of Animal.	Breed.
279	Stone & Loake, Stonington.	541	161	.30	Smut.....	Grade Oxford....
280	.....	546	169	.31	Hero.....	.....
281	.....	533	165	.31	Perfection.....	.....
282	.....	555	155	.28	Jack.....	Gr'de Hampshire
283	Geo. Allen & Son, Archie...	568	160	.28	Joe.....	Gr'de Shropshire
284	.....	576	148	.26	Dick.....	.....
285	J. H. Potts & Son, Jacksonville.	597	192	.32	Jack.....	Grade S'uthdown
286	Mrs. Ann Newton, Pontiac, Mich.	580	215	.37	Will.....	H'mpshire-Cot'ld
287	B. Waddel, Marion, O.....	388	140	.36	Harper.....	Grade S'uthdown
288	.....	536	168	.31	Harvey.....	Grade Oxford....
289	.....	541	162	.30	Smut.....	.....
290	Frank Willson, Jackson, Mich.	575	180	.31	Jack.....	Cotsw'd-So'thd'n
Average.....		545	168	.30		

First premium, \$25, to wether Jack, exhibited by J. H. Potts & Son, Jacksonville.  
 Second premium, \$15, to wether Will, exhibited by Mrs. Ann Newton, Pontiac, Mich.  
 Third premium, \$10, to wether Dick, exhibited by Geo. Allen & Son, Archie.



## Wether under 1 year.

No.	Exhibiter.	Age, in days, Nov. 11, 1884.....	Weight Nov. 11, 1884.....	Average gain per day, in pounds, since birth.....	Name of Animal.	Breed.
291	Stone & Loake, Stonington.	189	99	.52	Sanders .....	Grade Oxford....
292		169	104	.61	Hudson .....	Gr'de Hampshire
293	Geo. Allen & Son, Archie...	181	122	.67	Bob .....	Gr'de Shropshire
294		184	124	.77	Ned .....	
295	J. H. Potts & Son, Jacksonville.....	273	126	.49	Bert .....	So'thd'n-Cotsw'd
296	Mrs. Ann Newton, Pontiac, Mich.....	212	125	.59	George .....	Shropsh-Leices'tr
	Average .....	201	117	.53		

First premium, \$25, to wether Bob, exhibited by Geo. Allen & Son, Archie.

Second premium, \$15, to wether Bert, exhibited by J. H. Potts & Son, Jacksonville.

Third premium, \$10, to wether George, exhibited by Mrs. Ann Newton, Pontiac, Mich.

## LOT 23—SWEEPSTAKES.

## Wether 2 and under 3 years.

No.	Exhibiter.	Age, in days, Nov. 11, 1884.....	Weight Nov. 11, 1884.....	Average gain per day, in pounds, since birth.....	Name of Animal.	Breed.
262	F. Willson, Jackson, Mich..	976	281	.29	Model .....	Shropshire.....
246	J. H. Potts & Son, Jacksonville.....	962	184	.19	Dick .....	Southdown .....
277	F. Willson, Jackson, Mich..	973	249	.26	Ned .....	Cotsw'd-So'thd'n
269		974	275	.28	Murphy .....	Cotswold.....

Premium, \$50, to wether Model, exhibited by Frank Willson, Jackson, Mich.

## Wether 1 and under 2 years.

No.	Exhibiter.	Age, in days, Nov. 11, 1884.....	Weight Nov. 11, 1884.....	Average gain per day, in pounds, since birth.....	Name of Animal.	Breed.
265	Mrs. Ann Newton, Pontiac, Mich.....	597	194	.32	Dandy .....	Hampshire.....
251	J. H. Potts & Son, Jacksonville.....	590	185	.31	Charlie .....	Southdown .....
285	J. H. Potts & Son, Jacksonville.....	597	192	.32	Jack .....	Gr'de Southdown
270	Stone & Loake, Stonington	546	167	.30	Camargo .....	Cotswold.....

Premium, \$50, to wether Jack, exhibited by J. H. Potts & Son, Jacksonville.

## Wether under 1 year.

No.	Exhibiter.	Age in days, Nov. 11, 1884.....	Weight, Nov. 11, 1884.....	Average gain per day, in pounds, since birth.....	Name of Animal.	Breed.
267	Mrs. Ann Newton, Pontiac, Mich.....	225	151	.67	Turpin.....	Hampshire.....
257	Mrs. Ann Newton, Pontiac, Mich.....	151	111	.73	Harry.....	Southdown.....
293	Geo. Allen & Son, Archie... Mich.....	181	122	.67	Bob.....	Gr'de Shropshire

Premium, \$50, to wether Harry, exhibited by Mrs. Ann Newton, Pontiac, Mich.

## LOT 24—GRAND SWEEPSTAKES.

## Best Wether in the Show.

No.	Exhibiter.	Age in days, Nov. 11, 1884.....	Weight Nov. 11, 1884.....	Average gain per day, in pounds, since birth.....	Name of Animal.	Breed.
262	Frank Willson, Jackson, Mich.....	976	281	.29	Model.....	Shropshire.....
285	J. H. Potts & Son, Jacksonville.....	597	192	.32	Jack.....	Gr. Southdown...
257	Mrs. Ann Newton, Pontiac, Mich.....	151	111	.73	Harry.....	Southdown.....

Premium, \$50, to wether Model, exhibited by Frank Willson, Jackson, Mich.

## LOT 25—HEAVEST FAT SHEEP—OPEN TO ALL.

## Wether of any age.

No.	Exhibiter.	Age in days Nov. 11, 1884.....	Weight Nov. 11, 1884.....	Average gain per day, in pounds, since birth.....	Name of Animal.	Breed.
258	Mrs. Ann Newton, Pontiac, Mich.....	977	232	.24	Jumbo.....	Hampshire.....
262	Frank Willson, Jackson, Mich.....	976	281	.29	Model.....	Shropshire.....
	Average.....	976	256	.26		

Premium, \$50, to wether Model, exhibited by Frank Willson, Jackson, Mich.

## LOT 26—PEN OF WETHERS.

Five Fat Wethers, 2 and under 3 years.

## PEN No. 1.

No.	Exhibiter.	Age in days, Nov. 11, 1884.....	Weight Nov. 11, 1884.....	Average gain per day in pounds, since birth.....	Name of Animal.	Breed.
241	J. H. Potts & Son, Jacksonville.....	968	195	.20	No. 32.....	Southdown.....
242	J. H. Potts & Son, Jacksonville.....	972	221	.23	No. 34.....	".....
243	J. H. Potts & Son, Jacksonville.....	962	241	.25	Prince.....	".....
244	J. H. Potts & Son, Jacksonville.....	962	216	.22	Henry.....	".....
245	J. H. Potts & Son, Jacksonville.....	959	218	.23	George.....	".....
Average.....		965	218	.22		

## PEN No. 2.

258	Mrs. Ann Newton, Pontiac, Mich.....	977	232	.24	Jumbo.....	Hampshire.....
247	Mrs. Ann Newton, Pontiac, Mich.....	953	178	.19	Tom.....	Southdown.....
274	Mrs. Ann Newton, Pontiac, Mich.....	941	179	.19	Lue.....	Shrops'ire-So'd'n
297	Mrs. Ann Newton, Pontiac, Mich.....	922	129	.14	Percy.....	Southdown.....
Average.....		948	179	.19		

## PEN No. 3.

275	B. Waddel, Marion, O.....	1,036	228	.22	Jumbo.....	Grade Oxford.....
259	".....	955	225	.23	Yeoman.....	Shropshire.....
260	".....	946	230	.24	Harry.....	".....
261	".....	936	229	.24	Sir John.....	".....
276	".....	936	179	.19	Jimmy.....	Grade Oxford.....
Average.....		962	218	.23		

## PEN No. 4.

262	Frank Willson, Jackson, Mich.....	976	281	.29	Model.....	Shropshire.....
268	Frank Willson, Jackson, Mich.....	975	280	.29	Mack.....	Cotswold.....
269	Frank Willson, Jackson, Mich.....	974	275	.28	Murphy.....	C'tsw'ld-So'th'd'n
277	Frank Willson, Jackson, Mich.....	973	249	.26	Ned.....	".....
278	Frank Willson, Jackson, Mich.....	972	234	.24	Ted.....	".....
Average.....		974	264	.27		

Premium, \$50, to Pen No. 1, exhibited by J. H. Potts &amp; Son, Jacksonville.



## Five Fat Wethers, under 2 years.

## PEN NO. 1.

No.	Exhibiter.	Age, in days, Nov. 11, 1884.....	Weight, Nov. 11, 1884.....	Average gain per day, in pounds, since birth .....	Name of Animal.	Breed.
270	Stone & Loake, Stonington.	546	167	.30	Camargo.....	Cotswold.....
263	" "	536	186	.34	Garfield.....	Oxford.....
279	" "	541	161	.30	Smut.....	Grade Oxford.....
281	" "	533	165	.31	Perfection.....	" ".....
280	" "	546	169	.31	Hero.....	" ".....
Average.....		540	170	.31		

## PEN NO. 2.

283	Geo. Allen & Son, Archie...	568	160	.28	Joe.....	Gr. Shropshire...
284	" " " ".....	576	148	.26	Dick.....	" ".....
264	" " " ".....	573	163	.28	Charlie.....	Shropshire.....
293	" " " ".....	181	122	.67	Bob.....	Gr. Shropshire...
294	" " " ".....	184	124	.77	Ned.....	" ".....
Average.....		416	143	.34		

## PEN NO. 3.

248	J. H. Potts & Son, Jacksonville.....	576	167	.29	Larry.....	Southdown.....
249	J. H. Potts & Son, Jacksonville.....	581	154	.26	Patsy.....	" ".....
250	J. H. Potts & Son, Jacksonville.....	590	190	.32	Ed.....	" ".....
251	J. H. Potts & Son, Jacksonville.....	590	185	.31	Charlie.....	" ".....
285	J. H. Potts & Son, Jacksonville.....	597	192	.32	Jack.....	Gr. Southdown..
Average.....		587	178	.30		

## PEN NO. 4.

266	B. Waddel, Marion, O.....	676	172	.26	David.....	Shropshire.....
287	" " " ".....	388	140	.36	Harper.....	Gr. Southdown..
288	" " " ".....	536	168	.31	Harvey.....	Grade Oxford.....
289	" " " ".....	541	162	.30	Smut.....	" ".....
256	" " " ".....	669	190	.28	Erwin.....	Southdown.....
Average.....		562	166	.29		

Premium, \$50, to Pen No. 3, exhibited by J. H. Potts & Son, Jacksonville.

## LOT 27—DRESSED CARCASS.

Wether 2 and under 3 years.

No.	Exhibiter.	Age in days, Nov. 11, 1884.....	Weight Nov. 11, 1884.....	Average gain per day, in pounds, since birth.....	Name of Animal.	Breed.
260	B. Waddel, Marion, O.....	946	230	.24	Harry.....	Shropshire.....
262	Frank Willson, Jackson, Mich.....	976	281	.29	Model.....	".....
	Average.....	961	255	.27		

Premium, \$50, to wether Model, exhibited by Frank Willson, Jackson, Mich.

Wether 1 and under 2 years.

No.	Exhibiter.	Age in days Nov. 11, 1884.....	Weight Nov. 11, 1884.....	Average gain per day, in pounds, since birth.....	Name of Animal.	Breed.
282	Stone & Loake, Stonington.	555	155	.28	Jack.....	Gr. Hampshire...
256	B. Waddel, Marion, O.....	669	190	.28	Erwin.....	Southdown.....
290	Frank Willson, Jackson, Mich.....	575	189	.31	Jack.....	Cotsw'ld - S'thd'n
285	J. H. Potts & Son, Jacksonville.	597	192	.32	Jack.....	Gr. Southdown ..
	Average.....	599	179	.30		

Premium, \$50, to wether Jack, exhibited by J. H. Potts &amp; Son, Jacksonville.

Wether under 1 year.

No.	Exhibiter.	Age in days, Nov. 11, 1884.....	Weight Nov. 11, 1884.....	Average gain per day in pounds, since birth.....	Name of Animal.	Breed.
271	Stone & Loake, Stonington.	185	110	.59	Stonington.....	Cotswold.....
257	Mrs. Ann Newton, Pontiac, Mich.....	151	111	.73	Harry.....	Southdown.....
	Average.....	168	110	.65		

Premium, \$50, to wether Harry, exhibited by Mrs. Ann Newton, Pontiac, Mich.

LOT 27—DRESSED CARCASS.  
WEIGHTS OF VARIOUS PARTS OF SLAUGHTERED ANIMALS.  
Age, 2 and under 3 years.

Name and Postoffice of Exhibitor.	Name of Animal.	Breed.	Age in days.....	Live weight at slaughter	Weight of dressed carcass.....	Per cent. net carcass to gross or live weight...	Weight of pelt.....	Weight of tallow.....	Per cent. carcass, pelt and tallow to gross weight.....	Weight of head.....	Weight of lungs and heart.....	Weight of liver and melt.....	Weight of paunch and intestines.....	Weight of blood.....	Shrinkage.....	Per ct. offal and shrinkage to live weight. ...
B. Waddel, Marion, O.....	Harry.....	Shropshire.....	946	225	127	.56	28	3½	.70	6	4	3	39	7	7½	.30
Frank Wilson, Jackson, Mich.....	Model.....	.....	976	272	186½	.68	23½	8	.80	6	3	2	29	8	6	.20
Average.....	.....	.....	961	248	157	.63	26	6	.76	6	3	2	34	7	7	.24



Age, 1 and under 2 years.

Name and Postoffice of Exhibitor.	Name of Animal.	Breed.	Age in days.....	Live weight at slaughter	Weight of dressed carcass.....	Per cent. net carcass to gross or live weight...	Weight of pelt.....	Weight of tallow.....	Per cent. carcass, pelt and tallow to gross weight.....	Weight of head.....	Weight of lungs and heart.....	Weight of liver and melt.....	Weight of paunch and intestines.....	Weight of blood.....	Shrinkage.....	Per ct. offal and shrinkage to live weight..
Stone & Loake, Stonington.....	Jack.....	Gr. Hampshire..	555	145	88½	.61	10	4	.71	5	2	3½	19	5	8	.29
B. Waddel, Marion, O.....	Erwin.....	Southdown.....	669	185	116	.63	18	3½	.74	5	3	2	29½	3	5	.26
Frank Willson, Jackson, Mich.....	Jack.....	Cots'd-South'd'n	575	171	99	.58	19	6	.72	5	3½	3	29½	5½	5	.28
J. H. Potts & Son, Jacksonville.	Jack.....	Gr. Southdown ..	597	185	116	.63	18½	8	.77	5	2½	2	22	5½	5½	.23
Average .....	.....	.....	599	171	105	.61	16	5	.74	5	3	3	25	5	4	.26

Age, under 1 year.

Name and Postoffice of Exhibitor.	Name of Animal.	Breed.	Age in days.....	Live weight at slaughter	Weight of dressed carcass.....	Per cent. net carcass to gross or live weight...	Weight of pelt.....	Weight of tallow.....	Per cent. carcass, pelt and tallow to gross weight.....	Weight of head.....	Weight of lungs and heart.....	Weight of liver and melt.....	Weight of paunch and intestines.....	Weight of blood.....	Shrinkage.....	Per ct. offal and shrinkage to live weight.....
Stone & Loake, Stonington.....	Stonington.....	Cotswold.....	185	97	49½	.51	14	3	.69	3½	2	1½	15½	3½	4½	.31
Mrs. Ann Newton, Pontiac, Mich.....	Harry.....	Southdown.....	151	112	64½	.57	13	4	.73	3½	2	1	15½	3	5½	.27
Average .....	.....	.....	168	104	57	.55	13½	3½	.71	3½	2	1	15½	3	5	.29

## LOT 28—GAIN PER DAY.

Wether showing greatest average gain per day, including weight at birth.

No.	Exhibiter.	Age, in days, Nov. 11, 1884.....	Weight Nov. 11, 1881.....	Average gain per day, in pounds, since birth.....	Name of Animal.	Breed.
292	Stone & Loake, Stonington	169	104	.61	Hudson .....	Gr. Hampshire..
293	Geo. Allen & Son, Archie...	181	122	.67	Bob .....	Gr. Shropshire...
257	Mrs. Ann Newton, Pontiac, Mich. ....	151	111	.73	Harry .....	Southdown .....
	Average .....	167	112	.67		

Premium, \$50, to wether Harry, exhibited by Mrs. Ann Newton, Pontiac, Mich.

No. of Stall.....	Name and Postoffice of Exhibitor.	Date of Birth.	Age, in days.....	Weight · Nov. 11, 1884.....	Average gain per day, in pounds, since birth .....	Name of Animal.	Breed.
1	Stone & Loake, Stonington.....	Sept. 30, 1883	408	413	1.01	Jack	½ Native, ½ Victoria.
2	" " " "	Oct. 5, 1883	403	339	.84	Harry	" "
3	" " " "	Sept. 28, 1883	410	369	.90	Victor	Victoria
4	Frank Willson, Jackson, Mich.	Sept. 28, 1883	410	415	1.01	Prince	" "
5	" " " "	May 30, 1883	531	509	.96	George	Essex.
6	" " " "	Dec. 30, 1883	318	355	1.12	Frank	" "
7	" " " "	Dec. 30, 1883	318	308	1.16	Walter	" "
8	" " " "	April 24, 1884	197	217	1.10	Watson	" "
9	" " " "	June 4, 1884	160	156	.98	Jim	Suffolk.
10	" " " "	June 4, 1884	160	205	1.28	Harry	" "
11	" " " "	June 4, 1884	160	205	1.28	Tom	" "
12	" " " "	Oct. 3, 1883	405	275	.68	Peter	" "
13	" " " "	Oct. 3, 1883	405	319	.79	Carl	" "
14	" " " "	Oct. 3, 1883	405	336	.83	Jerry	" "
15	" " " "	Nov. 20, 1883	357	329	.92	John	Yorkshire
16	" " " "	Nov. 20, 1883	357	308	.86	Neff	" "
17	" " " "	Nov. 20, 1883	357	297	.83	Sam	" "
18	" " " "	Nov. 20, 1883	357	298	.75	Wheeler	" "
19	" " " "	Nov. 17, 1883	360	374	1.04	Half Breed	½ Yorkshire, ½ Poland China
20	" " " "	Dec. 6, 1883	341	437	1.28	Red Boy	Duroc Jersey Red
21	Adam Donaldtson, Pleasant Valley, Ia.	Dec. 6, 1883	341	370	1.19	Red Boy 5th.	" "
22	" " " "	Dec. 6, 1883	341	423	1.24	Red Boy 3d.	" "
23	" " " "	Sept. 8, 1883	430	567	1.32	Major Winfield	" "
24	" " " "	Dec. 6, 1883	341	424	1.24	Red Boy 2d.	" "
25	" " " "	Dec. 6, 1883	341	399	1.17	Red Boy 4th.	" "
26	" " " "	May 14, 1883	547	675	1.23	Commodore	" "
27	" " " "	May 28, 1883	533	540	1.01	Little Abe	½ Duroc Jer. Red, ¼ P. China, ¼ Berkshire
28	" " " "	May 30, 1883	531	532	1.00	Big Black	Poland China.
29	" " " "	May 28, 1883	535	558	1.05	Big Abe	" "
30	" " " "	May 30, 1883	531	500	.94	Little Black	" "
31	" " " "	June 1, 1883	529	486	.91	Fred	" "
32	" " " "	May 26, 1882	900	436	.96	Chief Zulu	" "



23	Stone & Loake, Stonington.....	Jan. 10, 1884	306	397	1 30 Perfection .....	$\frac{1}{2}$ Berkshire, $\frac{1}{2}$ Victoria.....
24	May 29, 1883	532	584	1 10 Josoto Chief .....	Poland China.....	
25	J. A. Countryman, Rochelle .....	Sept. 22, 1883	416	405	.97 Floyd .....	" .....
25	" .....	Sept. 21, 1883	417	385	.92 Blaine .....	" .....
26	" .....	Sept. 28, 1883	410	421	1.03 Oscar .....	" .....
26	" .....	Sept. 17, 1883	421	440	1.04 Noble .....	" .....
27	" .....	Sept. 9, 1883	429	407	.95 Jay .....	" .....
27	" .....	Sept. 6, 1883	432	437	1 01 Barney .....	" .....
28	" .....	Sept. 22, 1883	416	410	.98 Rochelle .....	" .....
28	" .....	Sept. 25, 1883	413	407	.98 Ned .....	" .....
29	" .....	Sept. 27, 1883	411	407	.99 Roy .....	" .....
29	" .....	Sept. 25, 1883	413	412	1.00 David .....	" .....
30	" .....	Sept. 5, 1883	433	472	1.09 Matchem .....	" .....
30	" .....	Mar. 21, 1884	235	254	1.08 X L.....	" .....
31	" .....	April 29, 1884	196	213	1.09 Duke .....	" .....
31	" .....	April 22, 1884	203	219	1.08 Will R.....	" .....
32	" .....	May 8, 1884	187	201	1.07 Joe .....	" .....
32	" .....	May 10, 1884	185	201	1.09 Frank .....	Victoria .....
34	Geo. F. Davis & Co., Dyer, Ind. ....	July 28, 1883	472	423	.90 Prince .....	Grade Victoria .....
34	" .....	June 4, 1884	160	200	1.25 Beauty .....	" .....
35	" .....	Aug. 14, 1883	455	425	.93 Dick .....	" .....
35	" .....	Aug. 14, 1883	455	370	.81 Pom .....	Duroc Jersey Red .....
36	G. W. Storer, La Place.....	May 25, 1883	536	493	.92 Goldson .....	" .....
36	" .....	May 17, 1883	544	366	Tom .....	" .....
37	" .....	May 9, 1883	552	435	.80 Fenton .....	" .....
37	" .....	May 9, 1883	552	443	.80 Prince .....	" .....
39	" .....	July 15, 1883	485	372	.77 Hudson .....	" .....
39	" .....	July 15, 1883	485	400	.83 Orange Boy .....	" .....
40	" .....	May 19, 1883	542	425	.78 Clifton .....	" .....
40	" .....	July 15, 1883	485	410	.84 Langley .....	" .....
87						
Div	John Gallaher, Floyd .....	May 10, 1883	551	444	.80 Bright .....	$\frac{1}{4}$ Native, $\frac{3}{4}$ Berkshire.....
1	" .....	May 10, 1883	551	433	.78 Harry .....	" .....
29	" .....	May 10, 1883	551	440	.80 Dick .....	" .....
29	" .....	May 10, 1883	551	475	.86 Tom .....	" .....
30	" .....	Aug. 28, 1883	441	415	.94 Dandy .....	Berkshire .....
30	" .....	May 10, 1883	551	450	.82 Buck .....	$\frac{1}{4}$ Native, $\frac{3}{4}$ Berkshire.....

# REPORTS OF AWARDING COMMITTEES.

## CLASS D—SWINE.

### LOT 30—BERKSHIRES.

Barrow 12 and under 18 months.

No.	Exhibiter.	Age in days, Nov. 11, 1884.....	Weight Nov. 11, 1884.....	Average gain per day, in pounds, since birth.....	Name of Animal.
298	John Gallaher, Floyd.....	441	415	.94	Dandy.....

First premium, \$25, to barrow Dandy, exhibited by John Gallaher, Floyd.

### LOT 31—POLAND CHINA.

Barrow 12 and under 18 months.

No.	Exhibiter.	Age in days, Nov. 11, 1884.....	Weight Nov. 11, 1884.....	Average gain per day in pounds, since birth.....	Name of Animal.
299	Sam Goodman, Leon, Ia.....	531	532	1.00	Big Black.....
300		533	558	1.05	Big Abe.....
301	Stone & Loake, Stonington.....	532	584	1.10	Josoto Chief.....
302	J. A. Countryman, Rochelle.....	433	472	1.09	Matchem.....
303		432	437	1.01	Barney.....
304	"	429	407	.95	Jay.....
305	"	421	440	1.04	Noble.....
306	"	417	385	.92	Blaine.....
307	"	416	410	.98	Rochelle.....
308	"	416	405	.97	Floyd.....
309	"	413	412	1.00	David.....
310	"	413	407	.98	Ned.....
311	"	411	407	.99	Roy.....
312	"	410	421	1.03	Oscar.....
Average.....		443	448	1.01	

First premium, \$25, to barrow Josoto Chief, exhibited by Stone & Loake, Stonington.

Second premium, \$15, to barrow Matchem, exhibited by J. A. Countryman, Rochelle.

Third premium, \$10, to barrow Big Black, exhibited by Sam Goodman, Leon, Ia.

## Barrow under 1 year.

No.	Exhibiter.	Age in days, Nov. 11, 1884.....	Weight Nov. 11, 1884.....	Average gain per day, in pounds, since birth.....	Name of Animal.
313	J. A. Countryman, Rochelle.....	235	254	1.08	XL.....
314	" " " ".....	203	219	1.08	Will R.....
315	" " " ".....	196	213	1.09	Duke.....
Average.....		211	229	1.08	

First premium, \$25, to barrow XL, exhibited by J. A. Countryman, Rochelle.

Second premium, \$15, to barrow Duke, exhibited by J. A. Countryman, Rochelle.

Third premium, \$10, to barrow Will R., exhibited by J. A. Countryman, Rochelle.

## LOT 32—CHESTER WHITE AND VICTORIA.

## Barrow 12 and under 18 months.

No.	Exhibiter.	Age, in days, Nov. 11, 1884.....	Weight Nov. 11, 1884.....	Average gain per day, in pounds, since birth.....	Name of Animal.	Breed.
316	Stone & Loake, Stonington.	410	369	.90	Victor.....	Victoria.....
317	" " " ".....	410	415	1.01	Prince.....	" ".....
318	Geo. F. Davis & Co., Dyer, Ind.....	472	423	.90	Prince.....	" ".....
Average.....		431	402	.93		

First premium, \$25, to barrow Victor, exhibited by Stone & Loake, Stonington.

Second premium, \$15, to barrow Prince, exhibited by Stone & Loake, Stonington.

Third premium, \$10, to barrow Prince, exhibited by Geo. F. Davis & Co., Dyer, Ind.

## Barrow under 1 year.

No.	Exhibiter.	Age, in days, Nov. 11, 1884.....	Weight Nov. 11, 1884.....	Average gain per day, in pounds, since birth.....	Name of Animal.	Breed.
319	Geo. F. Davis & Co., Dyer, Ind.....	160	200	1.25	Beauty.....	Victoria.....

First premium, \$25, to barrow Beauty, exhibited by Geo. F. Davis & Co., Dyer, Ind.



## LOT 33—ESSEX.

Barrow 12 and under 18 months.

No.	Exhibiter.	Age in days, Nov. 11, 1884.....	Weight Nov. 11, 1884.....	Average gain per day, in pounds, since birth.....	Name of Animal.
320	Frank Willson, Jackson, Mich.....	531	509	.96	George.....

First premium, \$25, to barrow George, exhibited by Frank Willson, Jackson, Mich.

Barrow under 1 year.

No.	Exhibiter.	Age, in days, Nov. 11, 1884.....	Weight Nov. 11, 1884.....	Average gain per day, in pounds, since birth.....	Name of Animal.
321	Frank Willson, Jackson, Mich.....	318	355	1 12	Frank.....
322	" " " " " "	318	368	1 16	Walter.....
323	" " " " " "	197	217	1 10	Watson.....
Average.....		278	313	1 12	

First premium, \$25, to barrow Frank, exhibited by Frank Willson, Jackson, Mich.

Second premium, \$15, to barrow Walter, exhibited by Frank Willson, Jackson, Mich.

Third premium, \$10, to barrow Watson, exhibited by Frank Willson, Jackson, Mich.

## LOT 34—DUROC JERSEY RED.

Barrow 12 and under 18 months.

No.	Exhibiter.	Age, in days, Nov. 11, 1884.....	Weight Nov. 11, 1884.....	Average gain per day, in pounds, since birth.....	Name of Animal.
324	Adam Donaldson, Pleasant Valley, Ia	430	567	1.32	Major Winfield.....
325	G. W. Stoner, LaPlace.....	552	443	.80	Prince.....
326	" " " " " "	536	493	.92	Goldson.....
327	" " " " " "	544	435	.80	Fenton.....
328	" " " " " "	542	425	.78	Clifton.....
Average.....		521	473	.92	

First premium, \$25, to barrow Goldson, exhibited by G. W. Stoner, LaPlace.

Second premium, \$15, to barrow Clifton, exhibited by G. W. Stoner, LaPlace.

Third premium, \$10, to barrow Major Winfield, exhibited by Adam Donaldson, Pleasant Valley, Ia.

## Barrow under 1 year.

No.	Exhibiter.	Age in days, Nov. 11, 1884 .....	Weight Nov. 11, 1884 .....	Average gain per day, in pounds, since birth .....	Name of Animal.
329	Adam Donaldson, Pleasant Valley, Ia	341	437	1.28	Red Boy.....
330	" " " "	341	424	1.24	Red Boy 2d.....
331	" " " "	341	423	1.24	Red Boy 3d.....
Average.....		341	428	1.25	

First premium, \$25, to barrow Red Boy 2d, exhibited by Adam Donaldson, Pleasant Valley, Ia.

Second premium, \$15, to barrow Red Boy, exhibited by Adam Donaldson, Pleasant Valley, Ia.

Third premium, \$10, to barrow Red Boy 3d, exhibited by Adam Donaldson, Pleasant Valley, Ia.

## LOT 35—YORKSHIRE AND SUFFOLK.

## Barrow 12 and under 18 months.

No.	Exhibiter.	Age, in days, Nov. 11, 1884 .....	Weight Nov. 11, 1884 .....	Average gain per day, in pounds, since birth.....	Name of Animal.	Breed.
332	Frank Willson, Jackson, Mich.....	405	275	.68	Peter.....	Suffolk.....
333	Frank Willson, Jackson, Mich.....	405	319	.79	Carl.....	"
334	Frank Willson, Jackson, Mich.....	405	336	.83	Jerry.....	"
Average.....		405	310	.77		

First premium, \$25, to barrow Jerry, exhibited by Frank Willson, Jackson, Mich.

Second premium, \$15, to barrow Carl, exhibited by Frank Willson, Jackson, Mich.

Third premium, \$10, to barrow Peter, exhibited by Frank Willson, Jackson, Mich.

## Barrow under 1 year.

No.	Exhibiter.	Age in days, Nov. 11, 1884.	Weight Nov. 11, 1884.	Average gain per day in pounds, since birth.	Name of Animal.	Breed.
335	L. C. Henley, Mattoon.....	357	329	.92	John.....	Yorkshire.....
336	" " ".....	357	308	.86	Neff.....	"
337	" " ".....	357	297	.83	Cam.....	"
338	Frank Willson, Jackson, Mich.....	160	205	1.28	Tom.....	Suffolk.....
339	Frank Willson, Jackson, Mich.....	160	156	.98	Jim.....	"
340	Frank Willson, Jackson, Mich.....	160	205	1.28	Harry.....	"
	Average.....	258	250	.97		

First premium, \$25, to Suffolk barrow, Tom, exhibited by Frank Willson, Jackson, Mich.

Second premium, \$15, to Yorkshire barrow, John, exhibited by L. C. Henley, Mattoon.

Third premium, \$10, to Yorkshire barrow, Neff, exhibited by L. C. Henley, Mattoon.

## LOT 36—GRADES AND CROSSES.

## Barrow 12 and under 18 months.

No.	Exhibiter.	Age in days, Nov. 11, 1884.	Weight Nov. 11, 1884.	Average gain per day in pounds since birth.	Name of Animal.	Breed.
341	Adam Donaldson, Pleasant Valley, Ia.....	547	675	1.23	Commodore.....	Grade Duroc.....
342	Stone & Loake, Stonington.	408	413	1.01	Jack.....	Grade Victoria ..
343	" " ".....	403	339	.84	Harry.....	" " ".....
344	Geo. F. Davis & Co., Dyer, Ind.....	455	425	.93	Dick.....	" " ".....
345	Geo. F. Davis & Co., Dyer, Ind.....	465	370	.81	Tom.....	" " ".....
346	John Gallaher, Floyd.....	551	450	.82	Buck.....	Grade Berkshire.
347	" " ".....	551	441	.80	Bright.....	" " ".....
348	" " ".....	551	440	.80	Dick.....	" " ".....
	Average.....	490	444	.91		

First premium, \$25, to barrow Bright, exhibited by John Gallaher, Floyd.

Second premium, \$15, to barrow Dick, exhibited by John Gallaher, Floyd.

Third premium, \$10, to barrow Commodore, exhibited by Adam Donaldson, Pleasant Valley, Ia.



## Barrow under 1 year.

No.	Exhibiter.	Age, in days, Nov. 11, 1884.....	Weight Nov. 11, 1884.....	Average gain per day, in pounds, since birth.....	Name of Animal.	Breed.
349	Stone & Loake, Stonington.	306	397	1.30	Perfection .....	Berks'e-Victoria.
350	L. C. Henley, Mattoon.....	360	374	1.04	Half Breed.....	Yorks'e-P. China
	Average .....	333	385	1.16		

First premium, \$25, to barrow Perfection, exhibited by Stone & Loake, Stonington.

Second premium, \$15, to barrow Half Breed, exhibited by L. C. Henley, Mattoon.

## LOT 37—SWEEPSTAKES.

## Barrow 12 and under 18 months.

No.	Exhibiter.	Age in days, Nov. 11, 1884.....	Weight Nov. 11, 1884.....	Average gain per day in pounds, since birth.....	Name of Animal.	Breed.
301	Stone & Loake, Stonington.	532	534	1.10	Josoto Chief.....	Poland China....
317		410	369	.90	Victor .....	Victoria .....
320	Frank Willson, Jackson, Mich.....	531	509	.96	George.....	Essex.....
334	Frank Willson, Jackson, Mich.....	405	336	.83	Jerry .....	Suffolk .....
344	John Gallaher, Floyd.....	551	450	.82	Bright .....	Grade Berkshire.
298		441	415	.94	Dandy .....	Berkshire .....
326	G. W. Stoner, LaPlace.....	536	493	.92	Goldson .....	Duroc Jersey R'd
	Average .....	486	451	.93		

Premium, \$50, to barrow Josoto Chief, exhibited by Stone & Loake, Stonington.

## Barrow under 1 year.

No.	Exhibiter.	Age in days, Nov. 11, 1884.....	Weight Nov. 11, 1884.....	Average gain per day in pounds, since birth.....	Name of Animal.	Breed.
313	J. A. Countryman, Rochelle	235	254	1.08	XL .....	Poland China....
319	Geo. F. Davis & Co., Dyer, Ind.....	160	200	1.25	Beauty .....	Victoria .....
321	Frank Willson, Jackson, Mich.....	318	355	1.12	Frank.....	Essex.....
338	Frank Willson, Jackson, Mich.....	160	205	1.23	Tom .....	Suffolk .....
349	Stone & Loake, Stonington.	306	397	1.30	Perfection.....	Berkshire-Vict'a.
330	Adam Donaldson, Pleasant Valley, Ia.....	341	424	1.24	Red Boy 2d.....	Duroc Jersey R'd
	Average .....	253	306	1.21		

Premium, \$60, to barrow XL, exhibited by J. A. Countryman, Rochelle.

# LOT 38—GRAND SWEEPSTAKES.

Best Barrow in the Show.

No.	Exhibiter.	Age, in days, Nov. 11, 1884.....	Weight Nov. 11, 1884.....	Average gain per day, in pounds, since birth.....	Name of Animal.	Breed.
301	Stone & Loake, Stonington.	532	584	1.10	Josoto Chief.....	Poland China.....
313	J. A. Countryman, Rochelle	235	254	1.08	X L.....	.....

Premium, \$50, to barrow Josoto Chief, exhibited by Stone & Loake, Stonington.

# LOT 39—HEAVIEST FAT HOG.

(Open to all.)

Heaviest Barrow of any age.

No.	Exhibiter.	Age, in days, Nov. 11, 1884.....	Weight Nov. 11, 1884.....	Average gain per day, in pounds, since birth.....	Name of Animal.	Breed.
341	Adam Donaldson, Pleasant Valley, Ia.....	547	675	1.23	Commodore.....	Grade Duroc.....
300	Sam. Goodman, Leon, Ia...	533	558	1.05	Big Abe.....	Poland China.....
301	Stone & Loake, Stonington.	532	584	1.10	Josoto Chief.....	.....
335	L. C. Henley, Mattoon.....	357	329	.92	John.....	Yorkshire.....
351	A. Jeffrey, Hallsville.....	900	865	.96	Chief Zulu.....	Poland China....

Premium, \$50, to barrow Chief Zulu, exhibited by A. Jeffrey, Hallsville.

## LOT 40—PEN OF BARROWS.

Five Fat Barrows, 12 and under 18 months.

## PEN No. 1.

No.	Exhibiter.	Age in days, Nov. 11, 1884	Weight Nov. 11, 1884	Average gain per day in pounds since birth	Name of Animal.	Breed.
300	Sam. Goodman, Leon, Iowa	533	558	1.05	Big Abe.....	Poland China....
352	"	533	540	1.01	Little Abe.....	"
299	"	531	532	1.00	Big Black.....	"
353	"	531	500	.94	Little Black.....	"
354	"	529	486	.91	Fred.....	"
Average .....		531	523	.98		

## PEN No. 2.

355	G. W. Stoner, LaPlace.....	485	400	.83	Orange Boy.....	Duroc Jers'y Red
326	"	536	493	.92	Goldson.....	"
327	"	544	435	.80	Fenton.....	"
328	"	512	425	.78	Clifton.....	"
356	"	485	410	.84	Langley.....	"
Average .....		518	433	.83		

## PEN No. 3.

346	John Gallaher, Floyd.....	551	450	.82	Buck.....	Grade Berkshire.
347	"	551	444	.80	Bright.....	"
348	"	551	440	.80	Dick.....	"
357	"	551	434	.78	Harry.....	"
358	"	551	475	.86	Tom.....	"
Average .....		551	448	.81		

## PEN No. 4.

305	J. A. Countryman, Rochelle.	421	440	1.04	Noble.....	Poland China....
306	"	417	385	.92	Blaine.....	"
307	"	416	410	.98	Rochelle.....	"
309	"	413	412	1.00	David.....	"
311	"	411	407	.99	Roy.....	"
Average .....		416	411	.99		

## PEN No. 5.

303	J. A. Countryman, Rochelle.	432	437	1.01	Barney.....	Poland China....
304	"	429	407	.95	Jay.....	"
308	"	416	405	.97	Floyd.....	"
310	"	413	407	.98	Ned.....	"
302	"	433	472	1.09	Matchem.....	"
Average .....		425	425	1.00		

Premium, \$100, to Pen No. 5, exhibited by J. A. Countryman, Rochelle.



## Five Fat Barrows under 1 year.

## PEN No. 1.

No.	Exhibiter.	Age in days, Nov. 11, 1884.	Weight Nov. 11, 1884.	Average gain per day in pounds, since birth.	Name of Animal.	Breed.
329	Adam Donaldson, Pleasant Valley, Ia	341	437	1.28	Red Boy	Duroc Jersey R'd
330	Adam Donaldson, Pleasant Valley, Ia	341	424	1.24	Red Boy 2d	"
331	Adam Donaldson, Pleasant Valley, Ia	341	423	1.24	Red Boy 3d	"
359	Adam Donaldson, Pleasant Valley, Ia	341	399	1.17	Red Boy 4th	"
360	Adam Donaldson, Pleasant Valley, Ia	341	370	1.19	Red Boy 5th	"
Average		341	411	1.20		

## PEN No. 2.

335	L. C. Henley, Mattoon	357	329	.92	John	Yorkshire
337	"	357	397	.83	Cam	"
361	"	357	268	.75	Wheeler	"
336	"	357	308	.86	Neff	"
350	"	360	374	1.04	Half Breed	York.-P'd China
Average		358	315	.88		

## PEN No. 3.

314	J. A. Countryman, Rochelle	203	219	1.08	Will R	Poland China
315	"	196	213	1.09	Duke	"
362	"	187	201	1.07	Joe	"
363	"	185	201	1.09	Frank	"
313	"	235	254	1.08	X L	"
Average		201	218	1.08		

Premium, \$100, to Pen No. 2, exhibited by L. C. Henley, Mattoon.

# LOT 41—DRESSED CARCASS.

Carcass of Barrow 12 and under 18 months.

No.	Exhibiter.	Age in days, Nov. 11, 1884.	Weight Nov. 11, 1884.	Average gain per day in pounds, since birth.	Name of Animal.	Breed.
341	Adam Donaldson, Pleasant Valley, Ia.	547	675	1.23	Commodore	Grade Duroc
300	Sam Goodman, Leon, Ia.	533	558	1.05	Big Abe	Poland China
318	G. F. Davis & Co., Dyer, Ind.	472	423	.90	Prince	Victoria
364	G. W. Stoner, LaPlace.	485	372	.77	Hudson	Duroc Jersey R'd
301	Stone & Loake, Stonington.	532	584	1.10	Josoto Chief	Poland China
306	J. A. Countryman, Rochelle	417	385	.92	Blaine	
334	F. Willson, Jackson, Mich.	405	336	.83	Jerry	Suffolk
Average		484	476	.98		

Premium, \$25, to barrow Josoto Chief, exhibited by Stone & Loake, Stonington.

Carcass of Barrow under 1 year old.

No.	Exhibiter.	Age in days, Nov. 11, 1884.	Weight Nov. 11, 1884.	Average gain per day in pounds, since birth.	Name of Animal.	Breed.
329	Adam Donaldson, Pleasant Valley, Ia.	341	437	1.28	Red Boy	Duroc Jersey R'd
349	Stone & Loake, Stonington	306	397	1.30	Perfection	B'rks'h'e-Victoria
335	L. C. Henley, Mattoon	357	329	.92	John	Yorkshire
319	G. F. Davis & Co., Dyer, Ind.	160	200	1.25	Beauty	Victoria
313	J. A. Countryman, Rochelle	235	254	1.08	X L	Poland China
322	F. Willson, Jackson, Mich.	318	368	1.16	Walter	Essex
Average		286	331	1.16		

Premium, \$25, to barrow John, exhibited by L. C. Henley, Mattoon.

## WEIGHTS OF VARIOUS PARTS OF SLAUGHTERED ANIMALS.

Age, 12 and under 18 months.

Name and Postoffice of Exhibitor.	Name of Animal.	Breed.	Age in days.....	Live weight at slaughter.	Weight dressed carcass and head.....	Per ct. carcass and head to gross weight.....	Weight lungs and heart..	Weight liver and melt...	Weight, paunch .....	Weight, guts.....	Weight, blood.....	Weight, hair, wet.....	Shrinkage.....	Per cent. offal, including shrinkage, to gross or live weight.....
Adam Donaldson, Pleasant Valley, Ia....	Commodore.....	Grade Duroc.....	547	680	583	.86	6½	6	9	36	9½	5½	24½	14
Sam Goodman, Leon, Ia.....	Big Abe.....	Poland China.....	533	550	471½	.87	7	5	7½	24	6½	7	15½	13
Geo. F. Davis & Co., Dyer, Ind.....	Prince.....	Victoria.....	472	405	348	.86	4½	4	5½	19½	5½	7	11	14
G. W. Stoner, La Place.....	Hudson.....	Duroc Jersey Red.....	485	339	317	.81	5	5½	8	26	5	6	17	19
Stone & Loake, Stonington.....	Josoto Chief.....	Poland China.....	532	580	507½	.87	4½	3	8½	23	8½	5	15	13
J. A. Countryman, Rochelle.....	Blaine.....	Poland China.....	417	410	357	.87	4	3	7	16	3½	6	18	13
Frank Willson, Jackson, Mich.....	Jerry.....	Suffolk.....	405	270	224	.83	3½	3½	8½	17	4	4	5½	17
Average.....			484	469	402	.86	5	5	7	23	6	6	15	14

Age, under 1 year.

Adam Donaldson, Pleasant Valley, Ia....	Red Boy.....	Duroc Jersey Red.....	341	420	369	.86	4½	5	7	24	6	8½	5	14
Stone & Loake, Stonington .....	Perfection.....	Berkshire-Victoria.....	306	400	333½	.88	4	5	5	17	4½	6	5	12
L. C. Henley, Mattoon.....	John.....	Yorkshire.....	357	331	291	.88	3	2½	4	15	7½	4	6	12
Geo. F. Davis & Co., Dyer, Ind.....	Beauty.....	Victoria.....	160	180	151	.84	2	3	3	12	3	2	3	16
J. A. Countryman, Rochelle.....	X L.....	Poland China.....	235	255	216	.85	2½	3	3	13	2	2	12½	15
Frank Willson, Jackson, Mich.....	Walter.....	Essex.....	318	350	308	.88	3½	3½	4½	16	4	3½	6	12
Average.....			286	323	280	.87	3	3½	4	16	4½	4½	8½	13



## LOT 42—GAIN PER DAY.

Barrow showing Greatest Average Gain per Day, including Weight at Birth.

No.	Exhibiter.	Age in days Nov. 11, 1884.....	Weight Nov. 11, 1884.....	Average gain per day in pounds since birth.....	Name of Animal.	Breed.
324	Adam Donaldson, Pleasant Valley, Iowa.....	430	567	1.32	Major Winfield ..	Duroc Jers'y Red
350	L. C. Henley, Mattoon.....	360	374	1.04	Half Breed.....	Y'kshire Pol.-Ch.
319	Geo. F. Davis & Co., Dyer, Ind.....	160	200	1.25	Beauty.....	Victoria.....
326	G. W. Stoner, LaPlace.....	536	493	.92	Goldson.....	Duroc Jers'y Red
355		485	400	.83	Orange Boy.....	
321	F. Willson, Jackson, Mich..	318	355	1.12	Frank.....	Essex.....
338		160	205	1.28	Tom.....	Suffolk.....
	Average.....	350	370	1.06		

Premium, \$50, to barrow Major Winfield, exhibited by Adam Donaldson, Pleasant Valley, Iowa.

# LIST OF AWARDS.

## SEVENTH ANNUAL FAT-STOCK SHOW,

CHICAGO, NOVEMBER 11-20, 1884.

### CLASS A—CATTLE.

JOHN P. REYNOLDS, *Superintendent.*

#### LOT 1—SHORT-HORN.

*Steer, Barren or Spayed Cow 3 and under 4.*

First premium to steer Clarence Kirklevington, exhibited by Canada West Farm Stock Association, Brantford, Ont.—

Illinois State Board of Agriculture.....	\$30 00	
American Short-Horn Breeders.....	32 25	
Total.....		\$62 25

Second premium to steer Snowflake, exhibited by T. W. Harvey, Turlington, Neb.—

Illinois State Board of Agriculture.....	\$20 00	
Nebraska State Board of Agriculture.....	20 00	
American Short-Horn Breeders.....	21 50	
Total.....		61 50

Third premium to spayed cow Young Mary of Turlington, exhibited by T. W. Harvey, Turlington, Neb.—

Illinois State Board of Agriculture.....	\$10 00	
Nebraska State Board of Agriculture.....	10 00	
American Short-Horn Breeders.....	10 75	
Total.....		30 75

*Steer or Spayed Heifer 2 and under 3.*

First premium to steer Bedford No. 1, exhibited by Morrow & Renick, Clintonville, Ky.—

Illinois State Board of Agriculture.....	\$30 00	
American Short-Horn Breeders.....	32 25	
Total.....		62 25

Second premium to steer Weathers, exhibited by Morrow & Renick, Clintonville, Ky.—

Illinois State Board of Agriculture.....	\$20 00	
American Short-Horn Breeders.....	21 50	
Total.....		\$41 50

Third premium to steer Schooler, exhibited by Morrow & Renick, Clintonville, Ky.—

Illinois State Board of Agriculture.....	\$10 00	
American Short-Horn Breeders.....	10 75	
Total.....		20 75

*Steer or Spayed Heifer 1 and under 2.*

First premium to steer Swift, exhibited by Morrow & Renick, Clintonville, Ky.—

Illinois State Board of Agriculture.....	\$30 00	
American Short-Horn Breeders.....	32 25	
Total.....		62 25

Second premium to steer Orio, exhibited by B. Waddel, Marion, O.—

Illinois State Board of Agriculture.....	\$20 00	
Ohio.....	20 00	
American Short-Horn Breeders.....	21 50	
Total.....		61 50

Third premium to steer Frank, exhibited by J. H. Potts & Son, Jacksonville—

Illinois State Board of Agriculture.....	\$10 00	
Illinois Short-Horn Breeders.....	10 00	
American Short-Horn Breeders.....	10 75	
Total.....		30 75

LOT 2—HEREFORD.

*Steer, Barren or Spayed Cow 3 and under 4.*

First premium to steer Artless, exhibited by Fowler & Van Natta, Fowler, Ind.—

Illinois State Board of Agriculture.....	\$30 00	
American Hereford Association.....	30 00	
Total.....		\$60 00

Second premium to steer Hoosier, exhibited by Adams Earl, Lafayette, Ind.—

Illinois State Board of Agriculture.....	\$20 00	
American Hereford Association.....	20 00	
Total.....		40 00

*Steer or Spayed Heifer 2 and under 3.*

First premium to steer Prince, exhibited by Indiana Blooded Stock Co., Indianapolis, Ind.—

Illinois State Board of Agriculture.....	\$30 00	
American Hereford Association.....	30 00	
T. L. Miller Co.....	30 00	
Total.....		90 00



Second premium to steer Suspense, exhibited by Indiana Blooded Stock Co., Indianapolis, Ind.—

Illinois State Board of Agriculture.....	\$20 00	
American Hereford Association.....	20 00	
T. L. Miller Co.....	20 00	
Total.....		\$60 00

Third premium to steer Cornwall, exhibited by Indiana Blooded Stock Co., Indianapolis, Ind.—

Illinois State Board of Agriculture.....	\$10 00	
American Hereford Association.....	10 00	
Total.....		20 00

*Steer or Spayed Heifer 1 and under 2.*

First premium to steer Rosy Duke, exhibited by Indiana Blooded Stock Co., Indianapolis, Ind.—

Illinois State Board of Agriculture.....	\$30 00	
American Hereford Association.....	30 00	
T. L. Miller Co.....	30 00	
Total.....		90 00

Second premium to steer Tidy Boy, exhibited by Indiana Blooded Stock Co., Indianapolis, Ind.—

Illinois State Board of Agriculture.....	\$20 00	
American Hereford Association.....	20 00	
T. L. Miller Co.....	20 00	
Total.....		60 00

Third premium to steer Tempest, exhibited by Fowler & Van Natta, Fowler, Ind.—

Illinois State Board of Agriculture.....	\$10 00	
American Hereford Association.....	10 00	
Total ..		20 00

**LOT 4—ABERDEEN-ANGUS.**

*Steer, Barren or Spayed Cow 3 and under 4.*

First premium to steer Netherwood Jock, exhibited by M. H. Cochrane, Comp-ton, Que.—

Illinois State Board of Agriculture.....	\$30 00	
Aberdeen-Angus Association.....	30 00	
Total.....		\$60 00

*Steer or Spayed Heifer 1 and under 2.*

First premium to steer Paris Favorite, exhibited by T. W. Harvey, Turlington, Neb.—

Illinois State Board of Agriculture...	\$30 00	
Nebraska State Board of Apriculture.....	30 00	
Aberdeen-Angus association.....	30 00	
Total .....		90 00

Second premium to steer Blaine, exhibited by Indiana Blooded Stock Co., Indianapolis, Ind.—

Illinois State Board of Agriculture.....	\$20 00	
Aberdeen-Angus Association.....	20 00	
Total .....		40 00

Third premium to steer Logan, exhibited by Indiana Blooded Stock Co., Indianapolis, Ind.—

Illinois State Board of Agriculture.....	\$10 00	
Aberdeen-Angus Association.....	10 00	
Total .....		\$20 00

### LOT 5—HOLSTEIN.

*Steer, Barren or Spayed Cow 3 and under 4.*

Second premium to cow Tourmaline, exhibited by Thos. B. Wales, Jr., Iowa City, Iowa—

Illinois State Board of Agriculture.....	\$20 00	
Iowa Agricultural Society .....	20 00	
Holstein Breeders' Association of America .....	20 00	
Total .....		60 00

*Steer or Spayed Heifer 2 and under 3.*

Second premium to steer Gottlieb, exhibited by Lucien Scott, Leavenworth, Kansas.—

Illinois State Board of Agriculture.....	\$20 00	
Holstein Breeders' Association of America.....	20 00	
Total .....		40 00

### LOT 6—GRADES OR CROSSES.

*Steer, Barren or Spayed Cow 3 and under 4.*

First premium to steer Charley Ross, exhibited by Jno. Ross & Son, Bucyrus, O.—

Illinois State Board of Agriculture.....	\$30 00	
Ohio .....	30 00	
Total .....		\$60 00

Second premium to steer Porter, exhibited by J. H. Potts & Son, Jacksonville—

Illinois State Board of Agriculture.....	20 00	
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Third premium to steer Benton's Champion, exhibited by Fowler & Van Natta, Fowler, Ind.—

Illinois State Board of Agriculture.....	\$10 00	
American Hereford Association.....	10 00	
Total .....		\$20 00

*Steer or Spayed Heifer 2 and under 3 years.*

First premium to steer Eales, exhibited by Morrow & Renick, Clintonville, Ky.—

Illinois State Board of Agriculture.....	30 00	
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Second premium to steer Tuck, exhibited to Indiana Blooded Stock Co., Indianapolis, Ind.—

Illinois State Board of Agriculture.....	\$20 00	
American Hereford Association.....	20 00	
T. L. Miller Company .....	20 00	
Total .....		60 00

Third premium to steer Shadeland, exhibited by Adams Earl, Lafayette, Ind.—

Illinois State Board of Agriculture.....	\$10 00	
American Hereford Association.....	10 00	
Total .....		\$20 00

*Steer or Spayed Heifer 1 and under 2.*

First premium to steer Joseph, exhibited by Fowler & Van Natta, Fowler, Ind.—

Illinois State Board of Agriculture.....	\$30 00	
T. L. Miller Company.....	30 00	
Prairie Farmer Co.....	25 00	
Total .....		85 00

Second premium to steer Roan Boy, exhibited by J. R. Peak & Son, Winchester—

Illinois State Board of Agriculture.....	\$20 00	
Prairie Farmer Co.....	20 00	
Total .....		40 00

Third premium, to steer Red Cloud, exhibited by J. H. Potts & Son, Jacksonville—

Illinois State Board of Agriculture.....	\$10 00	
Prairie Farmer Co.....	10 00	
Total .....		20 00

*Steer or Spayed Heifer under 1 year.*

First premium, to steer Lindall, exhibited by J. R. Price, Williamsville—

Illinois State Board of Agriculture.....	\$30 00	
American Hereford Association .....	30 00	
T. L. Miller Co.....	30 00	
Farmers' Review.....	30 00	
Total .....		120 00

Second premium, to steer Photograph, exhibited by Indiana Blooded Stock Co., Indianapolis, Ind.—

Illinois State Board of Agriculture.....	\$20 00	
American Hereford Association .....	20 00	
T. L. Miller Co.....	20 00	
Total .....		60 00

Third premium, to steer Jno. Yeomans, exhibited by Tom C. Ponting, Moweauqua—

Illinois State Board of Agriculture.....	\$10 00	
American Hereford Association.....	10 00	
Total .....		20 00

**LOT 8—ALL BREEDS AND GRADES BY AGES.**

*Steer, Barren or Spayed Cow 3 and under 4.*

Premium to steer Benton's Champion, exhibited by Fowler & Van Natta, Fowler, Ind.—

Illinois State Board of Agriculture.....	\$50 00	
American Hereford Association.....	50 00	
Coleman, Post & Reed.....	30 00	
Thorley Food Co.....	7 00	
Total .....		\$137 00



*Steer or Spayed Heifer 2 and under 3.*

Premium to steer Barney, exhibited by Jno. P. Gillett, Elkhart—

Illinois State Board of Agriculture.....	\$50 00	
Schuttler & Hotz.....	125 00	
Thorley Food Co.....	7 00	
Total .....		\$182 00

*Steer or Spayed Heifer 1 and under 2.*

Premium to steer Roan Boy, exhibited by J. R. Peak &amp; Son, Winchester—

Illinois State Board of Agriculture.....	\$50 00	
Furst & Bradley Manufacturing Co.....	60 00	
Thorley Food Co.....	7 00	
Total .....		117 00

*Steer or Spayed Heifer 1 and under 2.*

Premium to steer Lindall, exhibited by J. R. Price, Williamsville—

Illinois State Board of Agriculture.....	\$50 00	
American Hereford Association .....	50 00	
Thorley Food Co.....	7 00	
Total .....		107 00

## LOT 9—SWEEPSTAKES.

*Best Animal in Lot 1—Short-Horns.*

Premium to steer Clarence Kirklevington, exhibited by Canada West Farm Stock Association, Brantford, Ont.—

Illinois State Board of Agriculture.....	\$75 00	
H. J. Whitcomb & Son .....	65 00	
American Short-Horn Breeders .....	64 50	
Total .....		\$204 50

*Best Animal in Lot 2—Herefords.*

Premium to steer Prince, exhibited by Indiana Blooded Stock Co., Indianapolis, Ind.—

Illinois State Board of Agriculture.....	\$75 00	
American Hereford Association .....	75 00	
H. C. Staver & Co.....	75 00	
Total .....		225 00

*Best Animal in Lot 4—Aberdeen-Angus.*

Premium to steer Netherwood Jock, exhibited by M. H. Cochrane, Compton, Quebec—

Illinois State Board of Agriculture.....	\$75 00	
Boardman Bros.....	35 00	
Ab.-Angus Assn.....	75 00	
Total .....		185 00

*Best Animal in Lot 6—Grades or Crosses.*

Premium to steer Charley Ross, exhibited by Jno. Ross &amp; Son, Bucyrus, O.—

Illinois State Board of Agriculture.....	\$75 00
Ohio.....	75 00

Total.....	\$150 00
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## LOT 10—GRAND SWEEPSTAKES.

*Best Steer, Barren Cow or Spayed Heifer in the Show.*

Premium to steer Clarence Kirklevington, exhibited by Canada West Farm Stock Assn., Brantford, Ont.—

Illinois State Board of Agriculture.....	\$100 00
Thorley, Food Co.....	13 00

Total.....	\$113 00
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## LOT 11—PEN OF CATTLE.

*Five Steers, Barren or Spayed Cows 3 and under 4.*

First premium to Jno. D. Gillett, Elkhart—

Illinois State Board of Agriculture.....	\$150 00
Marshall Field & Co.....	125 00

Total.....	\$275 00
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Second premium to C. S. Barclay, West Liberty, Ia.—

Illinois State Board of Agriculture.....	\$75 00
Iowa Agricultural Society.....	75 00
Iowa Short-Horn Breeders.....	75 00

Total.....	225 00
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*Five Steers or Spayed Heifers 2 and under 3.*

First premium to Fowler &amp; Van Natta, Fowler, Ind.—

Illinois State Board of Agriculture.....	\$150 00
American Hereford Assn.....	150 00
Marshall Field & Co.....	125 00

Total.....	425 00
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Second premium to Morrow &amp; Renick, Clintonville, Ky.—

Illinois State Board of Agriculture.....	75 00
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*Five Steers or Spayed Heifers 1 and under 2.*

First premium to J. H. Potts &amp; Son, Jacksonville—

Illinois State Board of Agriculture.....	150 00
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Second premium to Fowler &amp; Van Natta, Fowler, Ind.—

Illinois State Board of Agriculture.....	\$75 00
American Hereford Assn.....	75 00

Total.....	150 00
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## LOT 20—DRESSED CARCASS.

*Steer, Barren or Spayed Cow 3 and under 4.*

Premium to steer Chicago, exhibited by Jas. R. Anderson, Anderson, O.—

Illinois State Board of Agriculture.....	\$75 00
Ohio.....	75 00
Fairbanks, Morse & Co.....	170 00

Total.....	\$320 00
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*Carcass Steer or Spayed Heifer 2 and under 3.*

Premium to steer Abernethy, exhibited by Am. Ab.-An. Assn., Independence, Mo.—	
Illinois State Board of Agriculture.....	\$75 00

*Carcass Steer or Spayed Heifer 1 and under 2.*

Premium to steer Quality, exhibited by M. H. Cochrane, Compton, P. Q.—	
Illinois State Board of Agriculture.....	\$75 00
W. W. Kimball.....	150 00
Total.....	225 00

*Carcass Steer or Spayed Heifer under 1 year.*

Premium to steer Jno. Yeomans, exhibited by Tom C. Ponting, Moweaqua—	
Illinois State Board of Agriculture.....	\$75 00
American Hereford Assn.....	75 00
T. L. Miller Co.....	75 00
Total.....	225 00

## LOT 13—DRESSED CARCASS—SWEEPSTAKES.

*Carcass Steer, Barren Cow or Spayed Heifer of any age.*

Premium to steer Clarence Kirklevington, exhibited by Canada West Farm Stock Association, Brantford, Ont.—	
Illinois State Board of Agriculture.....	\$100 00
Thorley Food Co.....	13 00
Total.....	\$113 00

## LOT 14—HEAVIEST FAT STEER.

First premium to steer Tiny Tim, exhibited by John B. Sherman, Chicago—	
Illinois State Board of Agriculture.....	\$75 00
Second premium to steer Level Head, exhibited by John B. Sherman, Chicago—	
Illinois State Board of Agriculture.....	50 00
Third premium to steer Grand Chunk, exhibited by T. W. Harvey, Turlington, Neb.—	
Illinois State Board of Agriculture.....	\$25 00
Nebraska State Board of Agriculture.....	25 00
Total.....	50 00

## LOT 15—GAIN PER DAY.

*Steer, Barren Cow or Spayed Heifer, 3 and under 4.*

First premium to steer Conover, exhibited by J. D. Gillett, Elkhart—	
Illinois State Board of Agriculture.....	\$50 00
Second premium to steer Charley Ross, exhibited by J. Ross & Son, Bucyrus, O.—	
Illinois State Board of Agriculture.....	\$25 00
Ohio State Board of Agriculture.....	25 00
Total.....	50 00



*Steer or Spayed Heifer, 2 and under 3.*

First premium to steer John A. Logan, exhibited by Tom C. Ponting, Moweaqua—

Illinois State Board of Agriculture.....	\$50 00	
American Hereford Association.....	50 00	
Total.....		\$100 00

Second premium to steer McGregor, exhibited by Fowler &amp; Van Natta, Fowler, Ind.—

Illinois State Board of Agriculture.....	\$25 00	
American Hereford Association.....	25 00	
Total.....		50 00

*Steer or Spayed Heifer, 1 and under 2.*

First premium to steer Blaine, exhibited by Indiana Blooded Stock Co., Indianapolis, Ind.—

Illinois State Board of Agriculture.....	50 00	
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Second premium to steer Orio, exhibited by B. Waddel, Marion, O.—

Illinois State Board of Agriculture.....	\$25 00	
Ohio State Board of Agriculture.....	25 00	
Total.....		50 00

*Steer or Spayed Heifer under 1 year.*

First premium to steer Samson, exhibited by B. Waddel, Marion, O.—

Illinois State Board of Agriculture.....	\$50 00	
Ohio State Board of Agriculture.....	50 00	
Total.....		100 00

Second premium to steer John Yeomans, exhibited by Tom C. Ponting, Moweaqua—

Illinois State Board of Agriculture.....	\$25 00	
American Hereford Association.....	25 00	
Total.....		50 00

Total—Class A..... \$6,092 00

## CLASS B—HORSES.

E. C. LEWIS, *Superintendent.*

LOT 17—FOR HORSES ON EXHIBITION—(52 ENTRIES.)

No awards.

## CLASS C—SHEEP.

D. W. VITNUM, *Superintendent.*

LOT 18—SOUTHDOWNS.

*Wether 2 and under 3 years.*

First premium to wether Dick, exhibited by J. H. Potts &amp; Son, Jacksonville—

Illinois State Board of Agriculture.....	\$25 00	
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Second premium to wether Prince, exhibited by J. H. Potts &amp; Son, Jacksonville—

Illinois State Board of Agriculture.....	15 00	
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Third premium to wether Henry, exhibited by J. H. Potts & Son, Jacksonville—	
Illinois State Board of Agriculture .....	\$10 00

*Wether 1 and under 2 years.*

First premium to wether Charlie, exhibited by J. H. Potts & Son, Jacksonville—	
Illinois State Board of Agriculture .....	25 00

Second premium to wether Ed, exhibited by J. H. Potts & Son, Jacksonville—	
Illinois State Board of Agriculture .....	15 00

Third premium to wether Barney, exhibited by J. H. Potts & Son, Jacksonville—	
Illinois State Board of Agriculture .....	10 00

*Wether under 1 year.*

First premium to wether Harry, exhibited by Mrs. Ann Newton, Pontiac, Mich.	
Illinois State Board of Agriculture .....	25 00

Second premium to wether No. 56, exhibited by J. H. Potts & Son, Jacksonville—	
Illinois State Board of Agriculture .....	15 00

Third premium to wether Bob, exhibited by J. H. Potts & Son, Jacksonville—	
Illinois State Board of Agriculture .....	10 00

## LOT 19—OTHER DOWNS.

*Wether 2 and under 3 years.*

First premium to wether Model, exhibited by Frank Willson, Jackson, Mich.—	
Illinois State Board of Agriculture .....	\$25 00

Second premium to wether Harry, exhibited by B. Waddel, Marion, O.—	
Illinois State Board of Agriculture .....	\$15 00
Ohio .....	15 00
Total .....	30 00

Third premium to wether Sir John, exhibited by B. Waddel, Marion, O.—	
Illinois State Board of Agriculture .....	\$10 00
Ohio .....	10 00
Total .....	20 00

*Wether 1 and under 2 years.*

First premium to wether Dandy, exhibited by Mrs. Ann Newton, Pontiac, Mich.—	
Illinois State Board of Agriculture .....	25 00

Second premium to wether Charley, exhibited by Geo. Allen & Son, Archie—	
Illinois State Board of Agriculture .....	15 00

Third premium to wether David, exhibited by B. Waddel, Marion, O.—

Illinois State Board of Agriculture.....	\$10 00	
Ohio .....	10 00	
Total .....		\$20 00

*Wether under 1 year.*

First premium to wether Turpin, exhibited by Mrs. Ann Newton, Pontiac, Mich.—

Illinois State Board of Agriculture.....	25 00	
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## LOT 20—COTSWOLDS.

*Wether 2 and under 3 years.*

First premium to wether Murphy, exhibited by Frank Willson, Jackson, Mich.—

Illinois State Board of Agriculture.....	\$25 00	
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Second premium to wether Mack, exhibited by Frank Willson, Jackson, Mich.—

Illinois State Board of Agriculture.....	15 00	
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*Wether 1 and under 2 years.*

First premium to wether Camargo, exhibited by Stone & Loake, Stonington—

Illinois State Board of Agriculture.....	25 00	
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*Wether under 1 year.*

Second premium to wether Stonington, exhibited by Stone & Loake, Stonington—

Illinois State Board of Agriculture.....	15 00	
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## LOT 21—LEICESTER AND LINCOLN.

*Wether 2 and under 3 years.*

Second premium to wether Billy, exhibited by B. Waddel, Marion, O.—

Illinois State Board of Agriculture.....	\$15 00	
Ohio .....	15 00	
Total .....		\$30 00

## LOT 22—GRADES AND CROSSES.

*Wether 2 and under 3 years.*

First premium, to wether Ned, exhibited by Frank Willson, Jackson, Mich.—

Illinois State Board of Agriculture.....	\$25 00	
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Second premium to wether Ted, exhibited by Frank Willson, Jackson, Mich.—

Illinois State Board of Agriculture.....	15 00	
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Third premium to wether Jumbo, exhibited by B. Waddel, Marion, O.—

Illinois State Board of Agriculture.....	\$10 00	
Ohio .....	10 00	
Total .....		20 00



*Wether 1 and under 2 years.*

First premium to wether Jack, exhibited by J. H. Potts & Son, Jacksonville—	
Illinois State Board of Agriculture.....	\$25 00
Second premium to wether Will, exhibited by Mrs. Ann Newton, Pontiac, Mich.—	
Illinois State Board of Agriculture.....	15 00
Third premium to wether Dick, exhibited by Geo. Allen & Son, Archie—	
Illinois State Board of Agriculture.....	10 00

*Wether under 1 year.*

First premium to wether Bob, exhibited by Geo. Allen & Son, Archie—	
Illinois State Board of Agriculture.....	25 00
Second premium to wether Bert, exhibited by J. H. Potts & Son, Jacksonville—	
Illinois State Board of Agriculture.....	15 00
Third premium to wether George, exhibited by Mrs. Ann Newton, Pontiac, Mich.—	
Illinois State Board of Agriculture.....	10 00

## LOT 23—SWEEPSTAKES.

*Wether 2 and under 3 years.*

Premium to wether Model, exhibited by Frank Willson, Jackson, Mich.—	
Illinois State Board of Agriculture.....	\$50 00
Coleman, Post & Reed.....	24 00
Thorley Food Co.....	7 00
Total.....	\$81 00

*Wether 1 and under 2 years.*

Premium to wether Jack, exhibited by J. H. Potts & Son, Jacksonville—	
Illinois State Board of Agriculture.....	\$50 00
Thorley Food Co.....	7 00
Total.....	57 00

*Wether under 1 year.*

Premium to wether Harry, exhibited by Mrs. Ann Newton, Pontiac, Mich.—	
Illinois State Board of Agriculture.....	\$50 00
Thorley Food Co.....	7 00
Total.....	57 00

## LOT 24—GRAND SWEEPSTAKES.

*Best Wether in the show.*

Premium to wether Model, exhibited by Frank Willson, Jackson, Mich.—

Illinois State Board of Agriculture.....	\$50 00
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## LOT 25—HEAVIEST FAT SHEEP.

Premium to wether Model, exhibited by Frank Willson, Jackson, Mich.—

Illinois State Board of Agriculture.....	50 00
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## LOT 26—PEN WETHERS.

*Five fat wethers 2 and under 3 years.*

Premium to J. H. Potts & Son, Jacksonville—

Illinois State Board of Agriculture.....	\$50 00
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Marshall Field & Co.....	125 00
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Total.....	175 00
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*Five fat wethers under 2 years.*

Premium to J. H. Potts & Son, Jacksonville—

Illinois State Board of Agriculture.....	50 00
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## LOT 27—DRESSED CARCASS.

*Wether 2 years or over.*

Premium to wether Model, exhibited by Frank Willson, Jackson, Mich.—

Illinois State Board of Agriculture.....	50 00
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*Wether 1 and under 2 years.*

Premium to wether Jack, exhibited by J. H. Potts & Son, Jacksonville—

Illinois State Board of Agriculture.....	50 00
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*Wether under 1 year.*

Premium to wether Harry, exhibited by Mrs. Ann Newton, Pontiac, Mich.—

Illinois State Board of Agriculture.....	25 00
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## LOT 28—GAIN PER DAY.

*Wether any age,*

Premium to wether Harry, exhibited by Mrs. Ann Newton, Pontiac, Mich.—

Illinois State Board of Agriculture.....	50 00
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Total—Class C .....	<u>\$1.150 00</u>
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## CLASS D—SWINE.

DAVID GORE, *Superintendent.*

## LOT 30—BERKSHIRE.

*Barrow 12 and under 18 months.*

First premium to barrow Dandy, exhibited by John Gallaher, Floyd— Illinois State Board of Agriculture.....	\$25 00
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## LOT 31—POLAND CHINA.

*Barrow 12 and under 18 months.*

First premium to barrow Josoto Chief, exhibited by Stone & Loake, Stonington— Illinois State Board of Agriculture .....	\$25 00
Second premium to barrow Matchem, exhibited by J. A. Countryman, Rochelle— Illinois State Board of Agriculture .....	15 00
Third premium to barrow Big Black, exhibited by Sam Goodman, Leon, Ia.— Illinois State Board of Agriculture .....	\$10 00
Iowa Agricultural Society.....	10 00
Total.....	20 00

*Barrow under 1 year.*

First premium to barrow XL, exhibited by J. A. Countryman, Rochelle— Illinois State Board of Agriculture.....	25 00
Second premium to barrow Duke, exhibited by J. A. Countryman, Rochelle— Illinois State Board of Agriculture....	15 00
Third premium to barrow Will R, exhibited by J. A. Countryman, Rochelle— Illinois State Board of Agriculture .....	10 00

## LOT 32—CHESTER WHITE AND VICTORIA.

*Barrow 12 and under 18 months.*

First premium to barrow Victor, exhibited by Stone & Loake, Stonington— Illinois State Board of Agriculture. ....	\$25 00
Second premium to barrow Prince, exhibited by Stone & Loake, Stonington— Illinois State Board of Agriculture .....	15 00
Third premium to barrow Prince, exhibited by Geo. F. Davis & Co., Dyer, Ind.— Illinois State Board of Agriculture .....	10 00

*Barrow under 1 year.*

First premium to barrow Beauty, exhibited by Geo. F. Davis & Co., Dyer, Ind.— Illinois State Board of Agriculture .....	25 00
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## LOT 33—ESSEX.

*Barrow 12 and under 18 months.*

First premium to barrow George, exhibited by Frank Willson, Jackson, Mich.—

Illinois State Board of Agriculture .....	25 00
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*Barrow under 1 year.*

First premium to barrow Frank, exhibited by Frank Willson, Jackson, Mich.—

Illinois State Board of Agriculture .....	25 00
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Second premium to barrow Walter, exhibited by Frank Willson, Jackson, Mich.—

Illinois State Board of Agriculture .....	15 00
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Third premium to barrow Watson, exhibited by Frank Willson, Jackson, Mich.—

Illinois State Board of Agriculture .....	10 00
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## LOT 34—DUROC JERSEY RED.

*Barrow 12 and under 18 months.*

First premium to barrow Goldson, exhibited by G. W. Stoner, LaPlace—

Illinois State Board of Agriculture .....	\$25 00
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Second premium to barrow Clifton, exhibited by G. W. Stoner, LaPlace—

Illinois State Board of Agriculture .....	15 00
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Third premium to barrow Major Winfield, exhibited by Adam Donaldson, Pleasant Valley, Ia.—

Illinois State Board of Agriculture .....	\$10 00
Iowa Agricultural Society .....	10 00

Total .....	20 00
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*Barrow under 1 year.*

First premium to barrow Red Boy 2d, exhibited by Adam Donaldson, Pleasant Valley, Ia.—

Illinois State Board of Agriculture .....	\$25 00
Iowa Agricultural Society .....	25 00

Total .....	50 00
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Second premium to barrow Red Boy, exhibited by Adam Donaldson, Pleasant Valley, Ia.—

Illinois State Board of Agriculture .....	\$15 00
Iowa Agricultural Society .....	15 00

Total .....	30 00
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Third premium to barrow Red Boy 3d, exhibited by Adam Donaldson, Pleasant Valley, Ia.—

Illinois State Board of Agriculture .....	\$10 00
Iowa Agricultural Society .....	10 00

Total .....	20 00
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## LOT 35—YORKSHIRE AND SUFFOLK.

### *Barrow 12 and under 18 months.*

First premium to barrow Jerry, exhibited by Frank Willson, Jackson, Mich.— Illinois State Board of Agriculture.....	\$25 00
Second premium to barrow Carl, exhibited by Frank Willson, Jackson, Mich.— Illinois State Board of Agriculture.....	15 00
Third premium to barrow Peter, exhibited by Frank Willson, Jackson, Mich.— Illinois State Board of Agriculture.....	10 00

### *Barrow under 1 year.*

First premium to barrow Tom, exhibited by Frank Willson, Jackson, Mich.— Illinois State Board of Agriculture.....	25 00
Second premium to barrow John, exhibited by L. C. Henley, Mattoon— Illinois State Board of Agriculture.....	15 00
Third premium to barrow Neff, exhibited by L. C. Henley, Mattoon— Illinois State Board of Agriculture.....	10 00

## LOT 36—GRADES AND CROSSES.

### *Barrow 12 and under 18 months.*

First premium to barrow Bright, exhibited by John Gallaher, Floyd— Illinois State Board of Agriculture.....	\$25 00
Second premium to barrow Dick, exhibited by John Gallaher, Floyd— Illinois State Board of Agriculture.....	15 00
Third premium to barrow Commodore, exhibited by Adam Donaldson, Pleasant Valley, Ia.— Illinois State Board of Agriculture..... Iowa Agricultural Society..... Total.....	<div style="display: flex; justify-content: flex-end;"> <div style="text-align: right; margin-right: 10px;">\$10 00</div> <div style="text-align: right; margin-right: 10px;">10 00</div> <div style="border-top: 1px solid black; text-align: right;">20 00</div> </div>

### *Barrow under 1 year.*

First premium to barrow Perfection, exhibited by Stone & Loake, Stonington— Illinois State Board of Agriculture.....	25 00
Second premium to barrow Half Breed, exhibited by L. C. Henley, Mattoon— Illinois State Board of Agriculture.....	15 00

## LOT 37—SWEEPSTAKES.

*Barrow 12 and under 18 months.*

Premium to barrow Josoto Chief, exhibited by Stone &amp; Loake, Stonington—

Illinois State Board of Agriculture.....	\$50 00	
Farmers' Review Co.....	25 00	
Thorley Food Co.....	7 00	
Total .....		\$82 00

*Barrow under 1 year.*

Premium to barrow XL, exhibited by J. A. Countryman, Rochelle—

Illinois State Board of Agriculture.....	\$50 00	
Rice, Whitacre & Co.....	60 00	
Thorley Food Co.....	7 00	
Total.....		117 00

## LOT 38—GRAND SWEEPSTAKES.

*Best Barrow in the Show.*

Premium to barrow Josoto Chief, exhibited by Stone &amp; Loake, Stonington, Ill.—

Illinois State Board of Agriculture.....	\$50 00
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## LOT 39—HEAVIEST FAT HOG.

Premium to barrow Chief Zulu, exhibited by A. Jeffrey, Hallsville—

Illinois State Board of Agriculture .....	\$50 00
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## LOT 40 PEN BARROWS.

*Five Fat Barrows 12 and under 18 months.*

Premium to J. A. Countryman, Rochelle—

Illinois State Board of Agriculture.....	\$100 00	
Marshall Field & Co.....	125 00	
Total.....		\$225 00

*Five Fat Barrows under 1 year.*

Premium to L. C. Henley, Mattoon—

Illinois State Board of Agriculture.....	\$100 00	
Coleman, Post & Reed.....	22 00	
Total.....		122 00

## LOT 41—DRESSED CARCASS.

*Barrow 12 and under 18 months.*

Premium to barrow Josoto Chief, exhibited by Stone &amp; Loake, Stonington—

Illinois State Board of Agriculture .....	\$25 00
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*Barrow under 1 year.*

Premium to barrow John, exhibited by L. C. Henley, Mattoon—

Illinois State Board of Agriculture. ....	\$25 00
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### LOT 42—GAIN PER DAY.

*Barrow showing greatest average gain per day.*

Premium to barrow Major Winfield, exhibited by Adam Donaldson, Pleasant Valley, Ia.—

Illinois State Board of Agriculture .....	\$50 00
Iowa Agricultural Society .....	50 00
Total .....	<u>\$100 00</u>
Total Class—D. ....	<u><u>\$1,441 00</u></u>

### RECAPITULATION.

Amount premiums paid Cattle .....	\$6,092 00
Amount premiums paid Sheep .....	1,150 00
Amount premiums paid Swine .....	1,441 00
Total .....	<u><u>\$8,683 00</u></u>

## SECRETARY'S REPORT.

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The results of the seven Fat-Stock Shows are briefly given herewith, for convenience of ready reference, and to enable the reader to critically examine and compare the different rings of the various breeds of stock exhibited at these shows.

The pure breeds and crosses will be reported upon in the order they appear in the classification of premiums.

The averages of the rings, of the several ages of animals and breeds, for the seven years, are first given, followed by table giving age, weight and gain of the first premium animals exhibited therein each year.

The excellent results obtained by feeders of the animals exhibited at former shows have been improved upon, in several rings, by the stock exhibited in 1884.

The increasing interest in the matter of early maturity has not diverted the attention of feeders from the essential matter of extra quality, which has and always will influence the awards of committees. The question of early maturity, other essential qualities being equal, will doubtless influence the award in favor of the animal making the largest average gain per day since birth.

In compiling the following statistics, it has been the purpose of the writer simply to give the official figures, without comment, leaving the reader free to draw his own inference as to the merits of the respective meat breeds of animals exhibited.

The superior quality of butchers' stock exhibited at the Seventh Annual Fat-Stock Show has not been surpassed by the same number of animals previously exhibited.

The matter of extra quality is deservedly attracting more attention at each succeeding show, and the fine finish, excellent handling quality, fineness of bone, and other evidences of light offal, and cutting a large proportion of net to gross, was noticeable in the stock awarded premiums at the late show.

## CLASS A—CATTLE.

## SHORT-HORNS.

Short-Horn Steer 4 years old or over.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1878 .....	2	1,891	2,262	1.19
1879 .....	5	1,861	2,358	1.28

First Premium Animals 4 years old or over.

Year.	Exhibiter.	Name of Animal.	Age in days.	Weight.	Average gain per day in lbs. since birth.
1878	VanMeter & Hamilton.....	Young Mary ste'r	1,880	2,085	1.11
1879	Wing & Thompson.....	Wm. Allen.....	1,578	2,240	1.42

Short-Horn Steer, Barren or Spayed Cow 3 and under 4 years.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1878 .....	2	1,250	2,087	1.67
1879 .....	2	1,326	2,039	1.53
1880 .....	4	1,300	2,172	1.66
1881 .....	3	1,364	2,093	1.53
1882 .....	5	1,339	2,141	1.59
1883 .....	3	1,344	1,955	1.46
1884 .....	9	1,262	1,981	1.57

First Premium Animals 3 and under 4 years.

Year.	Exhibiter.	Name of Animal.	Age in days.	Weight.	Average gain per day in lbs. since birth.
1878	VanMeter & Hamilton.....	Young Mary, ste'r	1,280	2,115	1.65
*1879	J. H. Graves.....	Nichols.....	1,335	2,060	1.54
1880	William Sandusky.....	Vermillion.....	1,367	2,350	1.71
1881	J. B. Sherman.....	Morris.....	1,309	2,150	1.64
1882	H. and I. Groff.....	King of the West	1,305	2,535	1.94
1883	J. B. Sherman.....	William S.....	1,306	1,970	1.51
1884	Can. W. F. Stock Ass'n.....	Clarence Kirk- levington .....	1,372	2,400	1.74

Short-Horn Steer or Spayed Heifer 2 and under 3 years.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1878 .....	5	934	1,621	1.73
1879 .....	3	871	1,624	1.86
1880 .....	5	942	1,801	1.92
1881 .....	7	963	1,634	1.69
1882 .....				
1883 .....	3	868	1,765	2.02
1884 .....	11	971	1,738	1.79

\*Nichols, exhibited by J. H. Graves, was subsequently proved to be a grade Short-Horn.



## First Premium Animals—2 and under 3 years.

Year..	Exhibiter.	Name of Animal.	Age in days.	Weight.	Average gain per day in lbs. since birth.
1878	H. C. Nelson.....	Cash.....	969	1,705	1.76
1879	J. N. Brown's Sons.....	John Clay, Jr....	845	1,636	1.93
1880	J. B. Sherman.....	Boynton.....	1,064	1,815	1.70
1881	Morrow & Muir.....	Muir.....	1,085	1,895	1.74
1882	.....	.....levington.	.....	.....	.....
1883	Canada W. Farm Ass'n.....	Clarence Kirk.....	1,009	2,045	2.02
1884	Morrow & Renick.....	Bedford No. 1....	1,038	1,708	1.64

## Short-Horn Steer or Spayed Heifer, 1 and under 2 years.

Year.	Entries.	Average age in days.	Average Weight.	Average gain per day in lbs. since birth.
1878.....	3	672	1,385	2.06
1879.....	5	638	1,267	2.00
1880.....	1	721	1,590	2.20
1881.....	.....	.....	.....	.....
1882.....	3	480	1,288	2.72
1883.....	9	647	1,222	1.92
1884.....	9	592	1,261	2.13

## First Premium Animals—1 and under 2 years.

Year..	Exhibiter.	Name of Animal.	Age in days.	Weight.	Average gain per day in lbs. since birth.
1878	J. N. Brown's Sons.....	Duke Sangamon.....	650	1,480	2.28
1879	.....	Gaylord.....	701	1,316	1.87
1880	J. S. Highmore.....	Corporal.....	721	1,590	2.20
1881	.....	.....levington.	.....	.....	.....
1882	Canada W. Farm Ass'n.....	Clarence Kirk.....	645	1,620	2.51
1883	Morrow & Renick.....	Schooler.....	698	1,300	1.85
1884	.....	Swift.....	625	1,370	2.19

## Short-Horn Cow 3 years old or over.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1878.....	6	2,937	1,722	0.72
1879.....	8	2,364	1,786	0.81
1880.....	3	3,031	1,618	0.59
1881.....	4	2,109	1,756	0.83
1882.....	8	2,106	1,808	0.85
1883.....	6	2,635	1,797	0.71

## First Premium Animals—Cow 3 years old or over.

Year..	Exhibiter.	Name of Animal.	Age in days.	Weight.	Average gain per day in lbs. since birth.
1878	Baugh & Son.....	Superior.....	1,721	2,075	1.20
1879	R. K. & A. S. Brownlee.....	Red Bettie.....	2,035	1,769	0.86
1880	W. Scott.....	Forest Queen 2d.....	2,136	1,710	0.80
1881	Canada W. Farm St'k Ass'n.....	Lady Aberdeen..	1,873	1,875	1.00
1882	J. H. Potts & Son.....	Acorn 6th.....	1,404	1,865	1.32
1883	C. S. Barclay.....	4th Rose of Ashbrook	2,047	1,895	0.92

## HEREFORDS.

Hereford Steer 4 years old or over.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1878.....	1	2,692	2,010	0.75
1879.....	4	1,639	1,994	1.28

First Premium Animals 4 years old or over.

Year.	Exhibiter.	Name of Animal.	Age in days.	Weight.	Average gain per day in lbs. since birth.
1878	T. L. Miller.....	Hereford.....	2,692	2,010	0.75
1879	" ".....	John.....	1,677	2,043	1.22

Hereford Steer, Barren or Spayed Cow 3 and under 4 years.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1878.....	3	1,346	1,735	1.26
1879.....	2	1,389	1,973	1.41
1880.....	1	1,183	1,875	1.58
1881.....	2	1,233	1,947	1.57
1882.....	1	1,121	1,765	1.57
1883.....	4	1,315	1,952	1.48
1884.....	2	1,381	1,817	1.31

First Premium Animals 3 and under 4 years.

Year.	Exhibiter.	Name of Animal.	Age in days.	Weight.	Average gain per day in lbs. since birth.
1878	T. L. Miller.....	No. 20.....	1,336	1,705	1.20
1879	" ".....	Merryman.....	1,359	1,968	1.44
1880	" ".....	Alex.....	1,183	1,875	1.58
1881	" ".....	Will.....	1,224	1,965	1.60
1882	M. H. Cochrane.....	Sir Richard.....	1,121	1,765	1.57
1883	Adams Earl.....	Wabash.....	1,441	2,350	1.63
1884	Fowler & Van Natta.....	Artless.....	1,374	1,560	1.13

Hereford Steer or Spayed Heifer 2 and under 3 years.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1878.....	1	1,080	1,470	1.36
1879.....	1	939	1,474	1.57
1880.....	3	943	1,738	1.85
1881.....	3	954	1,626	1.70
1882.....	4	1,041	1,539	1.47
1883.....	8	1,056	1,405	1.33
1884.....				

## First Premium Animals 2 and under 3 years.

Year.	Exhibiter.	Name of Animal.	Age in days.	Weight.	Average gain per day in lbs. since birth.
1878	T. L. Miller .....	No. 23 .....	1,080	1,470	1.36
1879	" .....	Alex .....	939	1,474	1.57
1880	" .....	Will .....	866	1,650	1.91
1881	.....	.....	.....	.....	.....
1882	Earl & Stuart .....	Wabash .....	1,077	1,940	1.89
1883	A. A. Crane & Son .....	My Maryland .....	1,061	1,715	1.61
1884	Indiana Blooded Stock Co. ....	Prince .....	996	1,860	1.86

## Hereford Steer or Spayed Heifer 1 and under 2 years.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1878	.....	.....	.....	.....
1879	.....	.....	.....	.....
1880	3	577	1,230	2.15
1881	1	710	1,115	1.57
1882	.....	.....	.....	.....
1883	1	697	1,330	1.90
1884	7	610	1,132	1.85
1885	4	682	1,287	1.89

## First Premium Animals 1 and under 2 years.

Year.	Exhibiter.	Name of Animal.	Age in days.	Weight.	Average gain per day in lbs. since birth.
1878	.....	.....	.....	.....	.....
1879	T. L. Miller .....	General .....	712	1,397	1.96
1880	G. S. Burleigh .....	Advance .....	710	1,115	1.57
1881	.....	.....	.....	.....	.....
1882	A. A. Crane & Son .....	My Maryland .....	697	1,330	1.90
1883	C. M. Culbertson .....	Choctaw .....	714	1,460	2.04
1884	Indiana Blooded Stock Co. ....	Rosy Duke .....	655	1,250	1.81

## Hereford Cow 3 years old or over.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1878	3	2,179	1,630	0.78
1879	2	3,663	1,615	0.56
1880	5	1,350	1,720	1.27
1881	3	1,782	1,435	0.82
1882	5	2,880	1,672	0.65
1883	2	1,976	1,676	0.96

## First Premium Animals 3 years old or over.

Year.	Exhibiter.	Name of Animal.	Age in days.	Weight.	Average gain per day in lbs. since birth.
1878	T. L. Miller .....	Jennie .....	1,677	1,595	0.95
1879	" .....	Jennie .....	2,018	1,730	0.85
1880	" .....	Maid of Orleans .....	1,350	1,720	1.27
1881	" .....	Maid of Mist .....	2,243	1,560	0.69
1882	" .....	Princess Alice .....	3,943	1,800	0.45
1883	C. M. Culbertson .....	Kathleen .....	1,347	1,710	1.27



## DEVONS.

## Devon Steer 4 years old or over.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1878.....	2	655	1,757	1.06
1879.....				

## First Premium Animals 4 years old or over.

Year..	Exhibiter.	Name of Animal.	Age in days.	Weight.	Average gain per day in lbs. since birth.
1878	Sanford Saun.....	May Boy.....	1,658	1,645	0.99
1879					

## Devon Steer, Barren or Spayed Cow 3 and under 4 years.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1878.....	2	1,319	1,565	1.18
1879.....	1	1,335	1,509	1.12
1880.....	2	1,330	1,220	0.93
1881.....	2	1,298	1,152	0.88
1882.....				
1883.....				
1884.....				

## First Premium Animals, 3 and under 4 years.

Year..	Exhibiter.	Name of Animal.	Age in days.	Weight.	Average gain per day in lbs. since birth.
1878	Thos. Bidwell.....	Postman.....	1,371	1,655	1.21
1879	L. F. Ross.....	Buck.....	1,335	1,509	1.12
1880	Thos. Bidwell.....	Major.....	1,335	1,270	0.97
1881	L. Rawson.....	Broad.....	1,268	1,075	0.84
1882.....					
1883.....					
1884.....					

## Devon Steer 2 and under 3 years.

Year.	Entries.	Average age in days.	Weight.	Average gain per day in lbs. since birth.
1878.....				
1879.....				
1880.....	1	849	1,250	1.46
1881.....	3	926	977	1.05
1882.....				
1883.....				
1884.....				

## First Premium Animals 2 and under 3 years.

Year.	Exhibiter.	Name of Animal.	Age in days.	Weight.	Average gain per day in lbs. since birth.
1878					
1879					
1880	L. F. Ross	Honest Tom	849	1,250	1.46
1881	L. Rawson	Jerry	969	975	1.00
1882					
1883					
1884					

## Devon Steer or Spayed Heifer 1 and under 2 years.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1878				
1879	1	483	844	1.74
1880				
1881	3	609	792	1.30
1882				
1883				
1884				

## First Premium Animals 1 and under 2 years.

Year.	Exhibiter.	Name of Animal.	Age in days.	Weight.	Average gain per day in lbs. since birth.
1878					
1879	L. F. Ross	Honest Tom	483	844	1.74
1880					
1881	L. Rawson	Jim	614	835	1.36
1882					
1883					
1884					

## Devon Cow 3 years old or over.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1878	1	1,905	1,200	0.63
1879	2	2,475	1,115	0.51
1880				
1881				
1882				
1883				

## First Premium Animals 3 years old or over.

Year.	Exhibiter.	Name of Animal.	Age in days.	Weight.	Average gain per day in lbs. since birth.
1878*					
1879	L. F. Ross	Marilla	3,490	1,264	0.36
1880					
1881					
1882					
1883					

\* No premium awarded in 1878.

## Aberdeen-Angus—Steer, Barren or Spayed Cow 3 and under 4 years.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1883.....	1	1,380	2,355	1.70
1884.....	1	1,404	1,890	1.35

## First Premium Animal 3 and under 4 years.

Year..	Exhibiter.	Name of Animal.	Age in days.	Weight.	Average gain per day in lbs. since birth.
1883	Geary Bros.....	Black Prince ....	1,380	2,355	1.70
1884	M. H. Cochrane .....	Netherwo'd Jock	1,404	1,890	1.35

## Aberdeen-Angus—Steer or Spayed Heifer 2 and under 3 years.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1883.....	1	999	1,815	1.82
1884.....				

## First Premium Animal 2 and under 3 years.

Year..	Exhibiter.	Name of Animal.	Age in days.	Weight.	Average gain per day in lbs. since birth.
1883	M. H. Cochrane .....	Waterside Jock..	999	1,815	1.82
1884					

## Aberdeen-Angus—Steer or Spayed Heifer 1 and under 2 years.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1884.....	4	525	1,248	2.38

## First Premium Animal 1 and under 2 years.

Year..	Exhibiter.	Name of Animal.	Age in days.	Weight.	Average gain per day in lbs. since birth.
1883					
1884	T. W. Harvey.....	Paris Favorite...	634	1,316	2.07

## Aberdeen-Angus—Cow 3 years old or over.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1883.....	3	2,698	1,703	0.70



## First Premium Animal 3 years old or over.

Year.	Exhibiter.	Name of Animal.	Age in days.	Weight.	Average gain per day in lbs. since birth.
1883	M. H. Cochrane.....	Duchess 2d.....	1,770	1,820	1.03

## Holstein Steer Barren or Spayed Cow 3 and under 4 years.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1884.....	1	1,338	1,450	1.08

## First Premium Animals 3 and under 4 year.

Year.	Exhibiter.	Name of Animal.	Age in days.	Weight.	Average gain per day in lbs. since birth.
*1884.....					

\*No first premium awarded.

## Holstein Steer or Spayed Heifer 2 and under 3 years.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1884.....	1	1,048	1,800	1.72

## First Premium Animals 2 and under 3 years.

Year.	Exhibiter.	Name of Animal.	Age in days.	Weight.	Average gain per day in lbs. since birth.
*1884.....					

\*No first premium awarded.

## GRADES OR CROSSES.

## Steer 4 years old or over.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1878.....	12	1,815	2,491	1.37
1879.....	17	1,923	2,373	1.25

1878—11 Grade Short-Horns; 1 Grade Hereford.

1879—15 Grade Short-Horns; 1 Grade Hereford; 1 Grade Devon.

## First Premium Animals 4 years old or over.

Year.....	Exhibiter.	Name of Animal.	Breed.	Age in days.	Weight.....	Av. gain per day in lbs. since birth.
1878	D. M. Moninger.....	Horace Greeley.....	Grade Short-Horn....	2,058	2,480	1.20
1879	T. L. Miller.....	Ben.....	Grade Hereford.....	1,780	2,134	1.19

## Grades or Crosses—Steer, Barren or Spayed Cow 3 and under 4 years.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1878.....	10	1,296	2,032	1.56
1879.....	29	1,262	1,946	1.18
1880.....	18	1,267	1,924	1.54
1881.....	34	1,259	1,943	1.54
1882.....	24	1,261	2,034	1.61
1883.....	16	1,302	2,152	1.61
1884.....	22	1,286	2,071	1.61

1878—9 Grade Short-Horns; 1 Grade Hereford.

1879—20 Grade Short-Horns; 7 Grade Herefords; 2 Grade Devons.

1880—16 Grade Short-Horns; 2 Grade Herefords.

1881—29 Grade Short-Horns; 5 Grade Herefords.

1882—17 Grade Short-Horns; 7 Grade Herefords.

1883—12 Grade Short-Horns; 4 Grade Herefords.

1884—16 Grade Short-Horns; 4 Grade Herefords; 2 Hereford-Short-Horns.

## First Premium Animals 3 and under 4 years.

Year.....	Exhibiter.	Name of Animal.	Breed.	Age in days..	Weight.....	Av. gain per day in lbs. since birth.
1878	J. D. Gillett.....	John Sherman.....	Grade Short-Horn.....	1,328	2,185	1.65
1879	J. W. Hunt.....	Thad. Stevens.....	" ".....	1,294	1,986	1.53
1880	J. H. Graves.....	Morrow.....	" ".....	1,411	2,030	1.44
1881	T. L. Miller.....	Conqueror.....	Grade Hereford.....	1,190	2,145	1.80
1882	D. M. Moninger.....	Tom Brown.....	Grade Short-Horn.....	1,174	1,945	1.65
1883	C. M. Culbertson.....	Roan Boy.....	Grade Hereford.....	1,415	2,125	1.50
1884	Jno. Ross & Son.....	Charley Ross.....	Grade Short-Horn.....	1,250	2,265	1.81

## GRADES OR CROSSES.

Steer or Spayed Heifer 2 and under 3 years.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in pounds since birth.
1878 .....	13	935	1,651	1.73
1879 .....	31	954	1,710	1.77
1880 .....	20	904	1,721	1.89
1881 .....	33	955	1,625	1.70
1882 .....	19	951	1,753	1.85
1883 .....	20	957	1,762	1.85
1884 .....	47	963	1,718	1.78

1878—11 Grade Short-Horns; 2 Grade Herefords.

1879—31 Grade Short-Horns.

1880—16 Grade Short-Horns; 4 Grade Herefords.

1881—28 Grade Short-Horns; 4 Grade Herefords; 1 Hereford-Short-Horn.

1882—13 Grade Short-Horns; 6 Grade Herefords.

1883—13 Grade Short-Horns; 7 Grade Herefords.

1884—25 Grade Short-Horns; 15 Grade Herefords; 1 Grade Holstein; 1 Grade Angus;  
5 Short-Horn-Angus.

First Premium Animals 2 and under 3 years.

Year.....	Exhibiter.	Name of Animal.	Breed.	Age in days.	Weight .....	Av. gain per day in lbs. since birth..
1878	J. D. Gillett .....	Number 47 .....	Grade Short-Horn ....	962	1,885	1.96
1879	J. W. Hunt .....	Peter Cooper .....	" " .....	932	1,532	1.64
1880	A. F. More .....	Hawks .....	" " .....	940	1,900	2.02
1881	J. W. Hunt .....	Red Lord .....	" " .....	1,045	1,765	1.68
1882	D. M. Moninger .....	Grinnell .....	" " .....	1,011	1,850	1.83
1883	Fowler & Van Natta .....	Benton's Champion .....	Grade Hereford .....	938	1,910	2.02
1884	Morrow & Renick .....	Eales .....	Grade Short-Horn ....	1,053	2,048	1.94

Grades or Crosses—Steer or Spayed Heifer 1 and under 2 years.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1878 .....	2	678	1,470	2.16
1879 .....	14	538	1,307	2.42
1880 .....	22	590	1,290	2.20
1881 .....	5	665	1,288	1.93
1882 .....	17	600	1,318	2.20
1883 .....	70	594	1,239	2.11
1884 .....	27	618	1,286	2.08

1878—2 Grade Short-Horns.

1879—14 Grade Short-Horns.

1880—18 Grade Short-Horns; 3 Grade Herefords; 1 Grade Devon.

1881—3 Grade Short-Horns; 2 Grade Herefords.

1882—7 Grade Short-Horns; 10 Grade Herefords.

1883—28 Grade Short-Horns; 42 Grade Herefords.

1884—17 Grade Short-Horns; 6 Grade Herefords; 1 Grade Holstein; 1 Grade Aberdeen-Angus; 1 Hereford-Texan; 1 Hereford-Jersey.



## First Premium Animals 1 and under 2 years.

Year.....	Exhibiter.	Name of Animal.	Breed.	Age in days..	Weight.....	Av. gain per day in lbs. since birth.
1878	J. D. Gillett .....	Number 66. ....	Grade Short-Horn ....	656	1,420	2 15
1879	.....	McMullen .....	.....	605	1,196	1 97
1880	D. M. Moninger .....	Perfection .....	.....	671	1,395	2 07
1881	J. H. Potts & Son .....	Major .....	.....	719	1,565	2 17
1882	.....	Red Major .....	.....	715	1,600	2 23
1883	J. G. Imboden .....	Scratch .....	.....	630	1,640	2 50
1884	Fowler & VanNatta .....	Joseph .....	Grade Hereford .....	688	1,530	2 22

## Grades or Crosses—Steer or Spayed Heifer under 1 year.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1884. ....	10	281	757	2 70

1884—3 Grade Short-Horns; 7 Grade Herefords.

## First Premium Animals under 1 year.

Year.....	Exhibiter.	Name of Animal.	Breed.	Age in days..	Weight.....	Av. gain per day in lbs. since birth..
1884	J. R. Price & Son .....	Lindall .....	Grade Hereford .....	350	920	2 62

## Grades or Crosses—Cow 3 years old or over.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1878.....	.....	.....	.....	.....
1879.....	.....	.....	.....	.....
1880.....	1	4,225	1,770	0 41
1881.....	2	1,663	1,722	1 06
1882.....	3	1,773	1,896	1 07
1883.....	3	1,558	2,005	1 32

1880—1 Grade Short-Horn.

1881—1 Grade Short-Horn; 1 Grade Hereford.

1882—3 Grade Short-Horns.

1883—3 Grade Short-Horns.

## First Premium Animals 3 years old or over.

Year.....	Exhibiter.	Name of Animal.	Breed.	Age in days..	Weight.....	Average gain per day in lbs. since birth..
1878	.....	.....	.....	.....	.....	.....
1879	.....	.....	.....	.....	.....	.....
1880	H. A. Bassett.....	Spot.....	Grade Short-Horn.....	4,225	1,770	0 41
1881	J. D. Gillett .....	Lady Peerless .....	.....	1,268	1,520	1 19
1882	.....	.....	.....	1,644	1,880	1 14
1883	Can. W. F. S. Ass'n....	Canada's Pride .....	.....	1,320	2,185	1 65

## ALL BREEDS AND GRADES BY AGES.

Steer 4 years old or over.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1878.....	14	1,876	2,405	1.28
1879.....	19	1,782	2,330	1.31

1878—2 Short-Horns; 9 Grade Short-Horns; 1 Hereford; 1 Grade Hereford; 1 Devon.

1879—5 Short-Horns; 11 Grade Short-Horns; 2 Herefords; 1 Grade Hereford.

Prize Animals 4 years old or over.

Year .....	Exhibiter.	Name of Animal.	Breed.	Age in days.	Weight .....	Average gain per day in lbs. since birth.
1878	VanMeter & Hamilton	Young Mary No. 1.....	Short-Horn.....	1,902	2,440	1.28
1879	J. D. Gillett.....	Vanderbilt.....	Grade Short-Horn....	1,573	2,118	1.34

## ALL BREEDS AND GRADES BY AGES.

Steer, Barren or Spayed Cow 3 and under 4 years.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1878.....	8	1,229	2,031	1.55
1879.....	19	1,281	1,965	1.51
1880.....	18	1,269	1,885	1.49
1881.....	25	1,263	1,961	1.55
1882.....	20	1,278	2,030	1.59
1883.....	22	1,318	2,093	1.56
1884.....	29	1,312	2,016	1.54

1878—7 Grade Short-Horns; 1 Grade Hereford.

1879—2 Short-Horns; 10 Grade Short-Horns; 2 Herefords; 3 Grade Herefords; 2 Grade Devons.

1880—4 Short-Horns; 8 Grade Short-Horns; 1 Hereford; 3 Grade Herefords; 2 Devons.

1881—19 Grade Short-Horns; 2 Herefords; 4 Grade Herefords.

1882—4 Short-Horns; 10 Grade Short-Horns; 6 Grade Herefords.

1883—1 Short-Horn; 12 Grade Short-Horns; 4 Herefords; 4 Grade Herefords; 1 Polled Angus.

1884—7 Short-Horns; 13 Grade Short-Horns; 1 Hereford; 4 Grade Herefords; 1 Hereford-Short-Horn; 1 Aberdeen-Angus; 2 Galloways.

## Prize Animals 3 and under 4 years.

Year .....	Exhibiter.	Name of animal.	Breed.	Age in days..	Weight .....	Average gain per day in lbs. since birth..
1878	J. D. Gillett .....	John Sherman .....	Grade Short-Horn ....	1,328	2,185	1.65
1879	J. H. Graves .....	Nichols .....		1,335	2,060	1.54
1880	C. M. Culbertson .....	Mossy Coat .....	Grade Hereford .....	1,310	1,875	1.43
1881	J. D. Gillett .....	McMullen .....	Grade Short-Horn .....	1,237	2,095	1.69
1882	D. M. Moninger .....	Tom Brown .....		1,174	1,945	1.65
1883	Geary Bros. ....	Black Prince .....	Polled Angus .....	1,380	2,355	1.70
1884	Fowler & VanNatta....	Benton's Champion...	Grade Hereford .....	1,301	2,300	1.76

## ALL BREEDS AND GRADES BY AGES.

## Steer or Spayed Heifer 2 and under 3 years.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1878.. .....	13	935	1,651	1.73
1879.. .....	21	953	1,705	1.78
1880.. .....	22	915	1,752	1.91
1881.. .....	27	983	1,672	1.70
1882.. .....	17	971	1,783	1.84
1883.. .....	27	954	1,723	1.81
1884.. .....	52	963	1,720	1.79

1878—5 Short-Horns; 6 Grade Short-Horns; 2 Grade Herefords.

1879—3 Short-Horns; 17 Grade Short-Horns; 1 Hereford.

1880—5 Short-Horns; 9 Grade Short-Horns; 3 Herefords; 4 Grade Herefords; 1 Devon.

1881—6 Short-Horns; 15 Grade Short-Horns; 4 Grade Herefords; 1 Hereford-Short-Horn; 1 Devon.

1882—6 Grade Short-Horns; 2 Herefords; 6 Grade Herefords.

1883—3 Short-Horns; 14 Grade Short-Horns; 3 Herefords; 6 Grade Herefords; 1 Polled Angus.

1884—8 Short-Horns; 23 Grade Short-Horns; 6 Herefords; 13 Grade Herefords; 1 Hereford-Angus; 1 Grade Aberdeen-Angus.

## Prize Animals 2 and under 3 years.

Year .....	Exhibiter.	Name of Animal.	Breed.	Age in days.	Weight .....	Av. gain per day in lbs. since birth..
1878	J. D. Gillett .....	Steer No. 60 .....	Grade Short-Horn .....	962	1,625	1.69
1879	J. W. Hunt .....	Victoria Duke .....		932	1,532	1.64
1880	T. L. Miller .....	Conqueror .....	Grade Hereford .....	832	1,845	2.21
1881	David Grant .....	Echard .....	Grade Short-Horn .....	880	1,500	1.70
1882	Earl & Stuart .....	Wabash .....	Hereford .....	1,077	1,940	1.80
1883	Can. W. F. S. Ass'n....	Clarence Kirklevingt'n	Short-Horn .....	1,009	2,045	2.02
1884	J. P. Gillett .....	Barney .....	Grade Short-Horn .....	1,074	1,951	1.81



## All Breeds and Grades by Ages—Steer or Spayed Heifer 1 and under 2 years.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1878 .....	5	674	1,419	2.10
1879 .....	14	572	1,276	2.25
1880 .....	15	647	1,376	2.13
1881 .....	6	656	1,212	1.84
1882 .....	13	596	1,355	2.30
1883 .....	53	602	1,240	2.07
1884 .....	28	614	1,296	2.11

1878—3 Short-Horns; 2 Grade Short-Horns.  
 1879—4 Short-Horns; 7 Grade Short-Horns; 2 Herefords; 1 Grade Hereford.  
 1880—1 Short-Horn; 9 Grade Short-Horns; 1 Hereford; 1 Grade Hereford; 1 Grade Devon; 2 Short-Horn-Herefords.  
 1881—3 Grade Short-Horns; 2 Grade Herefords; 1 Devon.  
 1882—3 Short-Horns; 5 Grade Short-Horns; 1 Hereford; 4 Grade Herefords.  
 1883—7 Short-Horns; 21 Grade Short-Horns; 5 Herefords; 20 Grade Herefords.  
 1884—3 Short-Horns; 11 Grade Short-Horns; 3 Herefords; 6 Grade Herefords; 1 Hereford-Jersey; 2 Aberdeen-Angus; 1 Grade Aberdeen-Angus; 1 Grade Holstein.

## Prize Animals 1 and under 2 years.

Year .....	Exhibiter.	Name of Animal.	Breed.	Age in days.	Weight .....	Av. gain per day in lbs. since birth..
1878	J. N. Brown's Sons....	Duke of Sangamon .....	Short-Horn .....	650	1,480	2.28
1879	J. D. Gillett .....	Clare S. Reed .....	Grade Short-Horn....	544	1,300	2.39
1880	T. L. Miller .....	Kansas .....	Grade Hereford.....	696	1,580	2.27
1881	J. H. Potts .....	Major .....	Grade Short-Horn....	719	1,565	2.17
1882	J. H. Potts & Son .....	Red Major.....	" .....	715	1,600	2.23
1883	J. G. Imboden.....	Scratch .....	" .....	712	1,450	2.03
1884	J. R. Peak & Son.....	Roan Boy .....	" .....	612	1,240	2.02

## All Breeds and Grades by Ages—Steer or Spayed Heifer under 1 year.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in pounds since birth.
1884.....	9	283	763	2.70

1884—3 Grade Short-Horns; 6 Grade Herefords.

## First Premium Animals under 1 year.

Year .....	Exhibiter.	Name of Animal.	Breed.	Age in days.	Weight .....	Av. gain per day in lbs. since birth.
1884	J. R. Price.....	Lindall .....	Grade Hereford.....	350	920	2.62

## All Breeds and Grades by Ages—Cow 3 years old or over.

Year.	Entries.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1878 .....	6	2,282	1,720	0.85
1879 .....	10	2,442	1,728	0.77
1880 .....	5	2,934	1,669	0.68
1881 .....	8	1,891	1,659	0.89
1882 .....	9	2,051	1,816	0.96
1883 .....	16	2,229	1,783	0.88

1878—4 Short-Horns; 2 Herefords.

1879—8 Short-Horns; 1 Hereford; 1 Devon.

1880—3 Short-Horns; 1 Grade Short-Horn; 1 Hereford.

1881—3 Short-Horns; 1 Grade Short-Horn; 3 Herefords; 1 Grade Hereford.

1882—6 Short-Horns; 2 Grade Short-Horns; 1 Hereford.

1883—6 Short-Horns; 3 Grade Short-Horns; 4 Herefords; 2 Holstein; 1 Polled Angus.

## Prize Animals, Cow 3 or over.

Year .....	Exhibiter.	Name of Animal.	Breed.	Age in days.	Weight .....	Average gain per day in lbs. since birth.
1878	T. L. Miller .....	Jennie .....	Hereford .....	1,677	1,595	0.95
1879	R. K. & A. S. Brownlee	Red Bettie .....	Short-Horn .....	2,035	1,769	0.86
1880	W. Scott .....	Forest Queen 2d .....	" .....	2,136	1,710	0.80
1881	Ca. W. Farm S. Ass'n .	Lady Aberdeen 3d .....	" .....	1,873	1,875	1.00
1882	J. H. Potts & Son .....	Acorn 6th .....	" .....	1,404	1,865	1.32
1883	Ca. W. Farm S. Ass'n .	Canada's Pride .....	Grade Short-Horn .....	1,320	2,185	1.65

## SWEEPSTAKES.

## Best Animal shown in Lot for Short-Horns.

Year.	Exhibiter.	Name of Animal.	Age in days.	Weight.	Average gain per day in lbs. since birth.
1884	Ca. W. Farm S. Ass'n .....	C. Kirklevingt'n .	1,372	2,400	1.74

## Best Animal shown in Lot for Herefords.

Year.	Exhibiter.	Name of Animal.	Age in Days.	Weight.	Average gain per day in lbs. since birth.
1884	Indiana Blooded Stock Co..	Prince .....	996	1,860	1.86

## Best Animal shown in Lot for Aberdeen-Angus.

Year.	Exhibiter.	Name of Animal.	Age in days.	Weight.	Average gain per day in lbs. since birth.
1884	M. H. Cochrane .....	Netherwood Jock	1,404	1,890	1.35

## Best Animal shown in Lot for Grades and Crosses.

Year.....	Exhibiter.	Name of Animal.	Breed.	Age in days.	Weight.....	Average gain per day in lbs. since birth..
1884	Jno. Ross & Son.....	Charley Ross.....	Grade Short-Horn.....	1,250	2,265	1.81

## GRAND SWEEPSTAKES ANIMALS.

Year.....	Exhibiter.	Name of Animal.	Breed.	Age in days.	Weight.....	Average gain per day in lbs. since birth..
1878	John D. Gillett.....	John Sherman.....	Grade Short-Horn....	1,328	2,185	1.65
1879	J. H. Graves.....	Nichols.....	" "	1,335	2,060	1.54
1880	"	John Sherman.....	" "	1,701	2,465	1.44
1881	John D. Gillett.....	McMullen.....	" "	1,237	2,095	1.69
1882	"	"	" "	1,613	2,565	1.59
1883	C. M. Culbertson.....	Roan Boy.....	Grade Hereford.....	1,415	2,125	1.50
1884	Can. W. F. Stk. Ass'n..	Clarence Kirklevingt'n	Short-Horn .....	1,372	2,400	1.74

## Lot Cattle, 4 years old or over.

Year.	No. Steers.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1878 .....	10	1,534	2,245	1.48
1879 .....	6	2,155	2,399	1.13
1879 .....	6	1,599	2,147	1.34
Average.....	.....	1,764	2,264	1.32

1878—First car, 6 Short-Horns and 4 Grade Short-Horns.

1879—Second car, 2 Short-Horns and 4 Grade Short-Horns.

1879—Third car, 6 Grade Short-Horns.

## Premium Lot Cattle, 4 years old or over.

Year..	Exhibiter.	No. Steers.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1878	Van Meter & Hamilton.....	10	1,539	2,245	1.48
1879	John D. Gillett.....	6	1,599	2,147	1.34



## Lot Cattle, 3 and under 4 years.

Lot...	Year.	No. Steers.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1 1878	.....	10	1,394	2,047	1.48
2 1879	.....	8	1,247	2,017	1.55
3 1879	.....	8	1,261	2,030	1.59
4 1879	.....	8	1,280	1,868	1.45
5 1880	.....	8	1,285	1,922	1.49
6 1880	.....	8	1,255	1,985	1.56
7 1881	.....	8	1,267	2,048	1.61
8 1881	.....	8	1,291	1,957	1.52
9 1881	.....	8	1,290	1,985	1.54
10 1881	.....	8	1,266	1,925	1.52
11 1882	.....	8	1,304	2,026	1.56
12 1882	.....	8	1,271	2,101	1.65
13 1882	.....	8	1,254	2,163	1.72
14 1882	.....	8	1,338	1,760	1.31
15 1883	.....	8	1,338	2,073	1.55
16 1883	.....	8	1,255	2,098	1.59
17 1884	.....	5	1,205	1,840	1.53
18 1884	.....	5	1,238	1,830	1.48
19 1884	.....	5	1,359	2,133	1.57
20 1884	.....	4	1,275	1,941	1.52
Average.....		.....	1,284	1,987	1.55

No. 1, 10 Grade Short-Horns; No. 2, 8 Grade Short-Horns; No. 3, 8 Grade Short-Horns; No. 4, 1 Hereford, 7 Grade Herefords; No. 5, 8 Grade Short-Horns; No. 6, 8 Grade Short-Horns; No. 7, 8 Grade Short-Horns; No. 8, 8 Grade Short-Horns; No. 9, 5 Short-Horns, 3 Grade Short-Horns; No. 10, 8 Grade Short-Horns; No. 11, 8 Grade Short-Horns; No. 12, 8 Grade Short-Horns; No. 13, 8 Grade Short-Horns; No. 14, 8 Grade Short-Horns; No. 15, 1 Short-Horn, 5 Grade Short-Horns, 2 Grade Herefords; No. 16, 8 Grade Herefords; No. 17, 3 Short-Horns, 2 Grade Short-Horns; No. 18, 5 Grade Short-Horns; No. 19, 5 Grade Short-Horns; No. 20, 1 Hereford, 3 Grade Herefords.

## First Premium Lot Cattle, 3 and under 4 years.

Year..	Exhibiter.	No. Steers.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1878	J. D. Gillett.....	10	1,394	2,057	1.48
1879	".....	8	1,247	2,047	1.55
1880	".....	8	1,255	1,985	1.56
1881	".....	8	1,267	2,048	1.61
1882	".....	8	1,271	2,101	1.65
1883	J. B. Sherman.....	8	1,338	2,073	1.55
1884	J. D. Gillett.....	5	1,359	2,133	1.57

## Lot Cattle, 2 and under 3 years.

Lot...	Year.	No. Steers.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1 1878	.....	10	1,025	1,667	1.63
2 1878	.....	10	1,102	1,759	1.60
3 1879	.....	10	965	1,818	1.87
4 1879	.....	10	918	1,695	1.77
5 1879	.....	10	945	1,648	1.74
6 1880	.....	10	925	1,705	1.84
7 1881	.....	10	905	1,726	1.91
8 1881	.....	10	934	1,475	1.58
9 1882	.....	10	1,013	1,864	1.84
10 1882	.....	10	932	1,826	1.96
11 1882	.....	10	977	1,551	1.59
12 1883	.....	10	948	1,665	1.76
13 1883	.....	10	922	1,715	1.87
14 1884	.....	5	976	1,771	1.81
15 1884	.....	5	904	1,478	1.63
16 1884	.....	5	950	1,741	1.83
17 1884	.....	5	941	1,594	1.70
18 1884	.....	5	928	1,631	1.76

## Lot Cattle 2 and under 3 years—Continued.

Lot...	Year.	No. Steers.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
19	1884 .....	5	1,024	1,842	1.80
20	1884 .....	5	917	1,713	1.87
21	1884 .....	5	994	1,718	1.73
22	1884 .....	5	978	1,792	1.83
23	1884 .....	5	977	1,637	1.67
24	1884 .....	5	1,009	1,730	1.71
25	1884 .....	5	961	1,789	1.86
	Average.....	.....	963	1,702	1.77

No. 1, 10 Grade Short-Horns; No. 2, 10 Grade Short-Horns; No. 3, 10 Grade Short-Horns; No. 4, 10 Grade Short-Horns; No. 5, 1 Short-Horn and 9 Grade Short-Horns; No. 6, 10 Grade Short-Horns; No. 7, 10 Grade Short-Horns; No. 8, 2 Short-Horns and 8 Grade Short-Horns; No. 9, 10 Grade Short-Horns; No. 10, 10 Grade Short-Horns; No. 11, 10 Grade Herefords; No. 12, 10 Grade Short-Horns; No. 13, 10 Grade Short-Horns; No. 14, 3 Short-Horns, 2 Grade Short-Horns; No. 15, 5 Grade Short-Horns; No. 16, 3 Herefords, 2 Grade Herefords; No. 17, 3 Herefords, 2 Grade Herefords; No. 18, 5 Grade Short-Horns; No. 19, 4 Short-Horns, 1 Grade Short-Horn; No. 20, 4 Grade Short-Horns, 1 Grade Hereford; No. 21, 5 Grade Short-Horns; No. 22, 5 Grade Short-Horns; No. 23, 1 Hereford, 4 Grade Herefords; No. 24, 1 Grade Short-Horn, 4 Short-Horn-Angus; No. 25, 5 Grade Herefords.

## First Premium Lot Cattle, 2 and under 3 years.

Year..	Exhibiter.	No. Steers.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1878	J. D. Gillett.....	10	1,025	1,667	1.63
1879	" .....	10	965	1,818	1.87
1880	" .....	10	925	1,705	1.84
1881	" .....	10	905	1,726	1.91
1882	D. M. Moninger.....	10	1,013	1,864	1.84
1883	J. D. Gillett.....	10	922	1,715	1.87
1884	Fowler & Van Natta.....	5	961	1,789	1.86

## Lot Cattle, 1 and under 2 years.

Lot...	Year.	No. Steers.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1	1878 .....	.....	.....	.....	.....
2	1879 .....	12	541	1,313	2.42
3	1880 .....	13	549	1,187	2.20
4	1881 .....	.....	.....	.....	.....
5	1882 .....	12	526	1,158	2.20
6	1883 .....	12	623	1,183	2.01
7	1883 .....	12	620	1,249	2.02
8	1883 .....	11	679	1,350	1.99
9	1883 .....	12	601	1,241	2.06
10	1883 .....	12	577	1,161	2.01
11	1884 .....	5	595	1,319	2.22
12	1884 .....	5	617	1,281	2.08
13	1884 .....	5	623	1,294	2.08
14	1884 .....	5	678	1,425	2.10
	Average.....	.....	602	1,272	2.11

No. 2, 12 Grade Short-Horns; No. 3, 12 Grade Short-Horns; No. 5, 12 Grade Short-Horns; No. 6, 1 Hereford, 11 Grade Herefords; No. 7, 2 Herefords, 10 Grade Herefords; No. 8, 3 Short-Horns, 7 Grade Short-Horns; No. 9, 12 Grade Short-Horns; No. 10, 12 Grade Short-Horns; No. 11, 1 Short-Horn, 4 Grade Short-Horns; No. 12, 2 Short-Horns, 3 Grade Short-Horns; No. 13, 5 Grade Short-Horns; No. 14, 1 Hereford, 4 Grade Herefords.

## First Premium Lot Cattle 1 and under 2 years.

Year..	Exhibiter.	No. Steers.	Average age in days.	Average weight.	Average gain per day in lbs. since birth.
1878					
1879	J. D. Gillett.....	12	541	1,313	2.42
1880	.....	12	549	1,187	2.20
1881					
1882	J. D. Gillett.....	12	526	1,158	2.20
1883	Fowler & Van Natta.....	12	620	1,249	2.02
1884	J. H. Potts & Son.....	5	595	1,319	2.22

## Heaviest Fat Steer.

Year..	Exhibiter.	Breed.	Age in days.	Weight.	Average gain per day in lbs. since birth.
1878	Charles Miller.....	Grade Sho't-H'rn	2,162	3,155	1.45
1879	J. B. Sherman.....	" "	2,403	2,840	1.18
1880	" "	" "	2,705	3,130	1.13
1881	" "	" "	1,633	2,435	1.49
1882	" "	" "	2,769	3,050	1.10
1883	" "	" "	1,977	2,720	1.37
1884	" "	" "	3,498	3,220	.92

## GAIN PER DAY.

## STEERS SHOWING MOST RAPID GROWTH.

## Premium Steer 4 years old or over.

Year..	Exhibiter.	Breed.	Age in days.	Weight.	Average gain per day in lbs. since birth.
1878	Van Meter & Hamilton.....	Gr. Short-Horn..	1,663	2,605	1.56
1879	J. H. Graves.....	" "	1,613	2,820	1.74

## Premium Steer, Barren or Spayed Cow, 3 and under 4 years.

Year..	Exhibiter.	Breed.	Age in days.	Weight.	Average gain per day in lbs. since birth.
1878	Van Meter & Hamilton .....	Gr. Short-Horn..	1,298	2,305	1.70
1879	John D. Gillett .....	" "	1,269	2,307	1.81
1880	" .....	Short-Horn .....	1,250	2,215	1.77
1881	" .....	Gr. Short-Horn..	1,176	2,130	1.81
1882	H. & I. Goff.....	Short-Horn .....	1,305	2,535	1.94
1883	John D. Gillett .....	Gr. Short-Horn..	1,222	2,445	2.00
1884	" .....	" "	1,250	2,340	1.87

Entries 1880—1 Grade Short-Horn; 1 Devon.

" 1881—1 Short-Horn; 7 Grade Short-Horns; 2 Grade Herefords.

" 1882—2 Short-Horns; 4 Grade Short-Horns; 3 Grade Herefords.

" 1883—6 Grade Short-Horns; 1 Hereford.

" 1884—1 Short-Horn; 8 Grade Short-Horns; 1 Grade Hereford; 1 Hereford-Short-Horn.



## Premium Steer or Spayed Heifer 2 and under 3 years.

Year..	Exhibiter.	Breed.	Age in days.	Weight.	Average gain per day in lbs. since birth.
1878	J. N. Brown's Sons.....	Short-Horn.....	783	1,585	2.02
1879	J. D. Gillett.....	Gr. Short-Horn..	977	2,081	2.12
1880	T. L. Miller.....	Grade Hereford..	832	1,815	2.21
1881	J. D. Gillett.....	Gr. Short-Horn..	872	1,935	2.21
1882	".....	".....	858	2,220	2.59
1883	John Ross & Son.....	".....	751	1,660	2.21
1884	Tom C. Ponting.....	Grade Hereford..	867	1,815	2.09

Entries 1880—3 Short-Horns; 5 Grade Short-Horns; 2 Grade Herefords.  
 " 1881—9 Grade Short-Horns; 1 Grade Hereford.  
 " 1882—3 Grade Short-Horns; 2 Herefords; 3 Grade Herefords.  
 " 1883—3 Short-Horns; 7 Grade Short-Horns; 1 Grade Hereford.  
 " 1884—3 Short-Horns; 9 Grade Short-Horns; 1 Hereford; 4 Grade Herefords; 1 Grade Aberdeen-Angus.

## Premium Steer or Spayed Heifer 1 and under 2 years.

Year..	Exhibiter.	Breed.	Age in days.	Weight.	Average gain per day in lbs. since birth.
1878	J. N. Brown's Sons.....	Short-Horn.....	650	1,480	2.28
1879	J. D. Gillett.....	Gr. Short-Horn..	513	1,373	2.67
1880	Cobb & Phillips.....	".....	585	1,450	2.47
1881	J. H. Potts & Son.....	".....	719	1,565	2.17
1882	Cobb & Phillips.....	Short-Horn.....	384	1,140	2.97
1883	".....	Gr. Short-Horn..	381	1,045	2.74
1884	Ind. Blooded Stock Co.....	Ab.-Angus.....	410	1,125	2.74

Entries 1880—1 Short-Horn; 7 Gr. Short-Horns; 1 Gr. Hereford; 1 Hereford-Short-Horn.  
 " 1881—3 Devons; 3 Grade Short-Horns; 2 Grade Herefords.  
 " 1882—2 Short-Horns; 7 Grade Short-Horns; 3 Grade Herefords.  
 " 1883—1 Short-Horn; 7 Grade Short-Horns; 7 Grade Herefords.  
 " 1884—2 Short-Horns; 6 Grade Short-Horns; 3 Grade Herefords; 3 Aberdeen-Angus; 1 Grade Angus; 1 Grade Holstein.

## Premium Steer or Spayed Heifer under 1 year.

Year..	Exhibiter.	Breed.	Age in days.	Weight.	Average gain per day in lbs. since birth.
1884	B. Waddel.....	Gr. Short-Horn..	288	932	3.24

Entries 1884—3 Grade Short-Horns; 5 Grade Herefords.

## COST OF PRODUCTION.

The average net profit per head realized on the twenty competing animals from 1 to 12 months of age was \$16.02. The ten competing animals from 1 to 24 months of age returned a profit of \$12.21 per head. There was an average loss per head of \$34.05 on the three steers fed from 1 to 36 months of age. The average cost of production per pound for the several periods named in the following tables is as follows: Steer, 1 to 12 months of age, \$4.04 per 100 pounds live weight; steer 1 to 24 months of age, \$5.08 per 100 pounds; steer 1 to 36 months of age, \$7.47 per 100 pounds. Three grade Short-Horn steers at 12 months of age were produced at an average cost of \$3.24 per 100 pounds, and averaged 933 pounds each at the age named. This is the best showing made in the following tables, which give the cost of production of twenty steers from 1 to 12 months of age; ten steers from 1 to 24 months of age, and three steers from 1 to 36 months of age.

## COST OF PRODUCTION.

Steer or Spayed Heifer 1 to 12 months old.

Year.....	Breed.	Number animals.	Average cost pro- duction per head 1 to 12 mos.	Average weight at 12 mos.	Average value per head at 12 mos. at \$6 per 100 lbs.	Net profit per head at 12 mos.	Average cost pro- duction per lb. 1 to 12 mos.
1882	Short-Horn .....	3	\$51 43	1,030	\$61 80	\$10 37	\$5 03
1883	Short-Horn .....	1	56 64	1,000	60 00	3 36	5 66
	Average .....	2	\$54 03	1,015	\$60 90	\$6 86	\$5 34
1882	Grade Short-Horn..	3	\$31 96	983	\$59 00	\$28 04	\$3 24
1883	Grade Short-Horn..	7	34 88	1,044	62 66	27 78	3 34
	Average .....	5	\$33 42	1,013	\$60 83	\$27 91	\$3 29
1882	Hereford .....						
1883	Hereford .....	1	\$23 75	700	\$42 00	\$18 25	\$3 39
	Average .....	1	\$23 75	700	\$42 00	\$18 25	\$3 39
1882	Grade Hereford....	3	\$28 19	737	\$44 20	\$16 01	\$3 82
1883	Grade Hereford....	2	24 35	590	35 40	11 05	4 15
	Average .....	2	\$26 27	663	\$39 80	\$13 53	\$3 98
1882	Grade Short-Horn..	3	\$31 96	983	\$59 00	\$28 04	\$3 24
1882	Grade Hereford....	3	28 19	737	44 20	16 01	3 82
1883	Short-Horn .....	1	56 64	1,000	60 00	3 36	5 66
1883	Grade Short-Horn..	7	34 88	1,044	62 66	27 78	3 34
1883	Hereford .....	1	23 75	700	42 00	18 25	3 39
1883	Grade Hereford....	2	24 35	590	35 40	11 05	4 15

## COMPARISON.

Short-Horns average ..	2	\$54 03	1,015	\$60 90	\$6 86	\$5 34
Grade Short-Horns av.	5	33 42	1,013	60 83	27 91	3 29
Herefords average .....	1	23 75	700	42 00	18 25	3 39
Grade Herefords av. ..	2	24 35	590	35 40	11 05	4 15
Average .....	2	\$33 88	829	\$49 78	\$16 02	\$4 04

## COST OF PRODUCTION.

Steer or Spayed Heifer 1 to 24 months old.

Year	Breed.	Number animals.	Average cost production per head 1 to 24 mos.	Average weight at 24 mos.	Average value per head at 24 mos. at \$6 per 100 lbs.	Net profit per head at 24 mos.	Average cost of production per lb. 1 to 24 mos.
1882	Short-Horn.....	1	\$86 80	1,600	\$96 00	\$9 20	\$5 42
1883	Short-Horn.....	1	100 36	1,500	90 00	*10 36	6 69
	Average.....	1	\$93 58	1,550	\$93 00	*\$0 58	\$6 05
1882	Grade Short-Horn	3	\$79 23	1,530	\$91 80	\$12 57	\$5 17
1883	Grade Short-Horn	3	88 39	1,778	106 70	17 81	4 99
	Average.....	3	\$83 81	1,654	\$99 25	\$15 19	\$5 08
1882	Hereford.....						
1883	Hereford.....	1	\$52 35	1,100	\$66 00	\$13 65	\$4 76
	Average.....	1	\$52 35	1,100	\$66 00	\$13 65	\$4 76
1882	Grade Hereford...	1	\$61 61	1,370	\$82 20	\$20 59	\$4 42
1883	Grade Hereford...						
	Average.....	1	\$61 61	1,370	\$82 20	\$20 59	\$4 42

## COMPARISON.

Short-Horns average...		1	\$93 58	1,550	\$93 00	*\$0 58	\$6 05
Grade Short-Horns av..		3	83 81	1,654	99 25	15 19	5 08
Herefords average.....		1	52 35	1,100	66 90	13 65	4 76
Grade Herefords av.....		1	61 61	1,370	82 20	20 59	4 42
Average .....		1	\$72 84	1,418	\$85 11	\$12 21	\$5 08
1882	Grade Short-Horn	3	\$79 23	1,530	\$91 80	\$12 57	\$5 17
1882	Grade Hereford...	1	61 61	1,370	82 20	20 59	4 42
1883	Short-Horn.....	1	100 36	1,500	90 00	*10 36	6 69
1883	Grade Short-Horn	3	88 89	1,778	106 70	17 81	4 99
1883	Hereford.....	1	52 35	1,100	66 00	13 65	4 76

\* Loss.

## COST OF PRODUCTION.

Steer or Spayed Heifer 1 to 36 months old.

Year	Breed.	Number animals.	Average cost production per head 1 to 36 mos.	Average weight at 36 mos.	Average value per head at 36 mos. at \$6 per 100 lbs.	*Net loss per head at 36 mos.	Average cost production per lb. 1 to 36 mos.
1882..	Short-Horn .....	1	\$167 29	2,250	\$135 00	\$32 29	\$7 43
1833..	Short-Horn .....						
	Average .....	1	\$167 29	2,250	\$135 00	\$32 29	\$7 43
1882..	Grade Short-Horn	1	\$167 29	2,250	\$135 00	\$32 29	\$7 43
1883..	Grade Short-Horn	1	186 36	2,450	147 00	39 36	7 60
	Average .....	1	\$176 82	2,350	\$141 00	\$35 82	\$7 51



## COMPARISON.

Year	Breed.	Number animals.	Average cost production per head 1 to 36 mos.	Average weight at 36 mos.	Average value per head at 36 mos. at \$6 per 100 lbs.	*Net loss per head at 36 mos.	Average cost production per lb. 1 to 36 mos.
Short-Horn, av .....		1	\$167 29	2,250	\$135 00	\$32 29	\$7 43
Grade Short-Horn, av..		1	176 82	2,350	141 00	35 82	7 51
Average .....		1	\$172 05	2,300	\$138 00	\$34 05	\$7 47
1882..	Grade Short-Horn	1	\$167 29	2,250	\$135 00	\$32 29	\$7 43
1883..	Grade Short-Horn	1	186 36	2,450	147 00	39 36	7 60

\*Steers of extra quality such as these statistics represent frequently sell for more than the estimated price of \$6 per 100 pounds live weight.

## COST OF PRODUCTION.

The following table gives the average cost of production of animals competing in this ring for the past two years:

## Animals 1 to 12 months old,

Items.	Nine head 1882.	Six head 1883,
Average value of animals at birth, \$5.00 .....		
“ “ milk consumed .....	\$15 86	\$12 53
“ “ grain consumed .....	13 63	8 82
“ “ hay and forage consumed .....	2 46	1 78
“ “ pasture consumed .....	1 75	3 72
“ annual expense for care .....	5 00	4 00
“ gain during the year in pounds .....	9 17	9 26
“ cost of production per 100 lbs. on the year's gain .....	4 03	3 70
“ weight at close of year .....	9 17	9 26
“ cost feed and care .....	39 19	33 93
“ value at close of year at \$6 per 100 lbs .....	55 00	55 58
“ net profit or loss at close of year .....	15 81	21 65

## Animals 12 to 24 months.

Items.	Five head 1882,	Four head 1883.
Average value grain consumed .....	\$29 33	\$28 48
“ “ hay and forage consumed .....	8 06	5 66
“ “ pasture consumed .....	2 46	8 20
“ annual expense for care .....	5 00	6 00
“ gain during year in pounds .....	5 62	5 87
“ cost of production per 100 lbs. on the year's gain .....	7 98	8 12
“ weight at close of year .....	15 12	15 87
“ cost feed and care .....	44 85	47 25
“ value at close of year at \$6 per 100 lbs .....	90 72	95 22
“ net profit or loss at close of year .....	6 68	14 04

## Animal 24 to 36 months.

Items.	Two head. 1882.	One head. 1883.
Average value grain consumed.....	\$48 00	\$59 64
“ “ hay and forage consumed.....	16 00	.....
“ “ pasture consumed.....	6 50	.....
“ “ other food consumed.....	6 00	.....
annual expense for care.....	5 00	9 00
gain during year in pounds.....	6 50	2 00
cost of production per 100 pounds on the year's gain.....	12 54	4 18
weight at close of year.....	22 50	24 50
cost of feed and care.....	81 50	83 64
value at close of year @ \$6 per 100 pounds.....	135 00	147 00
net profit or loss at close of year.....	*30 54	*17 82

\*Loss.

## COMPARISON FIRST PRIZE ANIMALS OF THE SEVERAL BREEDS OF CATTLE EXHIBITED IN 1884.

Steer, Barren or Spayed Cow, 3 and under 4 years.

Breed.	Age in days.	Weight.	Average gain per day in lbs. since birth.
Short-Horn.....	1,372	2,400	1.74
Hereford.....	1,374	1,560	1.13
Aberdeen-Angus.....	1,404	1,890	1.35
Grades or Crosses.....	1,250	2,265	1.81

Steer or Spayed Heifer 2 and under 3 years.

Breed.	Age in days.	Weight.	Average gain per day in lbs. since birth.
Short-Horn.....	1,038	1,708	1.64
Hereford.....	996	1,860	1.86
Grades or Crosses.....	1,053	2,048	1.94

Steer or Spayed Heifer 1 and under 2 years.

Breed.	Age in days.	Weight.	Average gain per day in lbs. since birth.
Short-Horn.....	625	1,370	2.19
Hereford.....	655	1,250	1.81
Aberdeen-Angus.....	684	1,316	2.07
Grades or Crosses.....	688	1,530	2.22

Steer or Spayed Heifer under 1 year.

Breed.	Age in days.	Weight.	Average gain per day in lbs. since birth.
Grades or Crosses.....	350	920	2.62

# DRESSED CARCASS.

Steer or Spayed Heifer 3 and under 4 years.

Name of Animal.	Breed.	Age in days .....	Average gain per day since birth .....	Weight at home .....	Live weight at slaughter .....	Weight dressed carcass or four quarters .....	Per cent. net carcass or quarters to gross weight .....	Weight carcass, hide and tallow .....	Per ct. profitable wt. (carcass, hide tallow) to gross or live wt...	Weight tallow .....	Weight hide .....	Weight left fore quarter .....	Weight right fore quarter .....	Weight left hind quarter .....	Weight right hind quarter .....
Chicago .....	Short-Horn .....	1,195	1.76	2,105	2,065	1,398	.67	1,611	.78	115	98	350	353½	353	341½
Netherwood Jock .....	Aberdeen-Angus .....	1,404	1.35	1,890	1,835	1,236	.67	1,457	.79	136	85	326	317	298	294
Jim Lee .....	Grade Hereford .....	1,267	1.50	1,905	1,875	1,229	.65	1,441	.77	107	105	325	326½	289	288½
Clarence Kirklevington .....	Short-Horn .....	1,372	1.74	2,400	2,370	1,659½	.70	1,906½	.80	152	95	449	432½	400½	377½
President .....	Grade Short-Horn .....	1,306	1.77	2,316	2,260	1,606	.71	1,834	.81	125	103	440	430½	363	373½
White Stockings .....	Hereford .....	1,246	1.35	1,685	1,600	1,104½	.65	1,268½	.75	71	93	293	287½	259½	264½
Hoosier .....	Grade Hereford .....	1,389	1.49	2,075	2,030	1,418	.69	1,632	.80	106	108	365	353½	356	343
Price .....	Grade Hereford .....	1,367	1.64	2,150	2,140	1,445½	.67	1,676½	.78	131	100	386	386½	346½	327½
Charley Ross .....	Short-Horn .....	1,250	1.81	2,265	2,175	1,470	.67	1,660	.76	84	106	397	402½	340	330½
Young Mary of Turlington .....	Short-Horn .....	1,380	1.34	1,850	1,815	1,219½	.67	1,475½	.77	116	70	307½	327½	292	292½

1884. Average 10 animals .....	1,312	1.57	2,064	2,025	1,383	.67	1,589	.78	114	96	364	364	362	330	323
1883. " 5 " .....	1,363	1.51	2,037	2,018	1,384	.68	1,639½	.82	164½	111	376	376	369	326	313
1882. " 5 " .....	1,248	1.46	1,843	1,776	1,178	.66	1,425	.80	144	102	319	319	313	271	275
1881. " 3 " .....	1,284	1.44	1,922	1,846	1,233	.67	1,420	.77	92	95	337	337	338	285	272
1880. " 3 " .....	1,256	1.41	1,790	1,725	1,181	.68	1,453	.84	171	100	314	314	307	275	285
1879. " 3 " .....	1,267	1.42	1,790	1,790	1,183	.66	1,456	.81	177	97	318	318	310	282	272

## First Premium Animals.

1884. Clarence Kirklevington .....	Short-Horn .....	1,372	1.74	2,400	2,370	1,659½	.70	1,906½	.80	152	95	449	432½	400½	377½
1883. Starlight .....	Grade Short-Horn .....	1,416	1.54	2,180	2,105	1,430	.68	1,690½	.81	167½	102	387	379	340	324
1882. Sir Richard .....	Hereford .....	1,121	1.57	1,775	1,690	1,149	.68	1,375	.81	118½	107½	295	296	277	287
1881. Broad Horns .....	Grade Hereford .....	1,291	1.42	1,900	1,830	1,227	.67	1,399	.76	68	103	345	340	277	265
1880. Alex. .....	Hereford .....	1,183	1.58	1,917	1,850	1,250	.67	1,545	.83	184	111	377	318	295	310
1879. Barney .....	Grade Hereford .....	1,274	1.56	1,963	1,963	1,317	.67	1,618	.82	195	106	371	354	305	287





## Age 2 and under 3 years.

Name of Animal.	Breed.										
		Weight right hind quarter .....	Weight left hind quarter .....	Weight right fore quarter .....	Weight left fore quarter .....	Weight hide .....	Weight tallow .....	Per ct. profitable wt. carcass, hide and tallow to gross or live weight.....	Weight carcass, hide and tallow .....	Per cent. net carcass or quarters to gross weight	Weight dressed carcass or four quarters .....
Malne Boy .....	Hereford .....	246	246	208½	276	96	78	78	1,210	.66	1,036½
Abernethy .....	Grade Aberdeen-Angus .....	247½	246	276½	279½	86	76	76	1,220½	.66	1,039½
Fishback .....	Grade Short-Horn .....	245	236	234½	263½	84	75	75	1,158	.65	1,002
Choctaw .....	Hereford .....	278	234½	239	305	77	72	72	1,345	.68	1,181½
Shadeland .....	Grade Hereford .....	289	289½	299½	309	98	80	80	1,369	.68	1,173
Ohio Belle .....	Grade Short-Horn .....	285½	289	299½	299½	77	60	60	1,620	.69	1,116½
Robert .....	Hereford .....	275	284	284	281	77	77	77	1,253½	.64	1,060½
Underidge .....	Short-Horn .....	213	216	231½	216	90	83	83	1,060½	.64	1,107
Prince .....	Hereford .....	271½	270	284½	281	93	76	76	1,310	.64	1,107
McCroskey .....	Grade Short-Horn .....	332	317	322½	322½	80	70	70	1,472	.66	1,197
Quality .....	" .....	271	234	257	257	83	57	57	1,119½	.66	1,107
		272	278	294	291	102	72	72	1,369	.64	1,135
1884 Average 11 animals.....		263	264	280	281	91	77	77	1,257	.67	1,089
1883 " 4 " .....		270	271	300	342	86	81	81	1,452	.67	1,203
1882 " 3 " .....		264	272	285	294	105	76	76	1,321½	.64	1,115
1881 " 2 " .....		235	242	232	267	81	78	78	1,145	.66	977
1880 " 2 " .....		233	227	253	260	90	82	82	1,209	.66	974

## First Premium Animals.

1884 Abernethy .....	Grade Aberdeen-Angus .....	247½	256	276½	279½	86	75	75	1,220½	.66	1,059½
1883 Waterside Jock .....	Aberdeen-Angus .....	270	271	320	342	86	81	81	1,452	.67	1,203
1882 Jay .....	Grade Hereford .....	264	285	285	294	105	76	76	1,321½	.64	1,115
1881 Echard .....	" .....	235	242	232	267	87	78	78	1,516	.66	977
1880 Blank .....	Grade Short-Horn .....	233	227	253	260	90	82	82	1,209	.66	974

[illegible]

First Premium Animals.

[illegible]



Age 1 and under 2 years.

Name of Animal.	Breed.	Age 1 and under 2 years.																
		Quality.....	Deacon No. 2.....	Redbud Nero.....	Orto.....	Joseph.....	Turley.....	Grade Aberdeen-Angus.....	Short-Horn-Jersey.....	Grade Short-Horn.....	Short-Horn.....	Grade Hereford.....	Grade Short-Horn.....	1884 Average 6 animals.....	1883.....	1882.....	1881.....	1880.....
Weight of right hind quarter.....														191	164	152	240	158½
Weight of left hind quarter.....														197	168	235½	250	163
Weight of right fore quarter.....														211	181	235	247	166
Weight of left fore quarter.....														212	183½	245½	243½	166
Weight of hide.....														75	72	83	87	69
Weight of tallow.....														52	60	52	62	64
Per cent. of profitable weight of carcass, hide and tallow to gross or live weight.....														.77	.74	.70	.76	.71
Weight of carcass, hide and tallow.....														938	828	1,090	1,129½	786½
Per cent. net carcass or quarters to gr. weight..														.66	.63	.61	.65	.59
Weight of dressed carcass or four quarters...														811	696	955	940½	653½
Live weight at slaughter.														1,220	1,110	1,470	1,490	1,110
Weight at home .....														1,278	1,111	1,495	1,530	1,090
Average gain per day since birth.....														2.08	1.79	2.50	2.22	2.05
Age in days.....														613	621	597	688	530
				</														

First Premium Animals.

1884 Quality.....	Grade Aberdeen-Angus.....	191	197	211	212	75	52	.77	938	.66	811	1,220	1,278	2.08	613
1883 Harry.....	Hereford.....	212	218	228	230	106½	79	.79	1,079	.65	888	1,369	1,405	1.97	713
1882 Red Major.....	Grade Short-Horn.....	257	257	257	250	96	97	.79	1,221	.66	1,028	1,540	1,585	2.23	715
1881 Bailey.....	Grade Hereford.....	175	175	185	195	83	70	.73	883	.60	730	1,197	1,280	2.05	622
1880 Monroe.....	Hereford-Short-Horn.....	203	203	203	206	84	121	.83	1,021	.67	816	1,217	1,265	1.93	643



## Age under 1 year.

Name of Animal.	Breed.										
		Weight right hind quarter .....	Weight left hind quarter .....	Weight right fore quarter .....	Weight left fore quarter .....	Weight hide .....	Weight tallow .....	Per cent. of profitable weight of carcass, hide and tallow to gross or live weight.	Weight carcass, hide and tallow .....	Per cent. net carcass or quarters to gross weight .....	Weight dressed carcass or four quarters
Jno. Yeomans .....	Grade Hereford .....	139½	142½	139½	140½	76	36	.73	674	.60	562
1884.. Average, 1 animal .....	.....	139½	142½	139½	140½	76	36	.73	674	.60	562

## First Premium Animal.

1884.. Jno. Yeomans .....	Grade Hereford .....	139½	142½	139½	140½	76	36	.73	674	.60	562
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*Dressed Carcass—Continued.*

Age under 1 year—Continued.

Name of Animal.	Breed.	Weight of head .....	Weight of feet .....	Weight of paunch .....	Weight of guts .....	Weight of liver .....	Weight of heart .....	Weight of tongue .....	Weight of lungs .....	Hide trimmings .....	Weight of blood .....	Loss of weight by shrinkage .....	Weight of unprofitable parts .....	Per cent. unprofitable wt., including shrinkage, to gross or live weight .....
Jno. Yeomans .....	Grade Hereford .....	21	15	97	41	11	3	7	12	7	30	12	244	.27
1884.. Average, 1 animal .....	.....	21	15	97	41	11	3	7	12	7	30	12	244	.27

## First Premium Animal.

1884.. Jno. Yeomans .....	Grade Hereford .....	21	15	97	41	11	3	7	12	7	30	12	244	.27
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Average weights of the rings of the various breeds of Cattle and their crosses, exhibited at the 1878, 1879, 1880, 1881, 1882, 1883 and 1884 Fat-Stock Shows:

Breeds.	Steer 4 years old or over...	Sheep, Barren or Spayed Cow 3 years old and under 4 years.	Steer or Spay- ed Heifer 2 years old and under 3 years.	Steer or Spay- ed Heifer 1 year old and under 2 years.	Steer or Spay- ed Heifer un- der 1 year...	Cow 3 years old or over...
Short-Horn, 1878.....	2,262	£.087	1,621	1,385	.....	1,723
Short-Horn, 1879.....	2,358	2,039	1,624	1,267	.....	1,786
Short-Horn, 1880.....	.....	2,172	1,801	1,590	.....	1,618
Short-Horn, 1881.....	.....	2,093	1,634	.....	.....	1,756
Short-Horn, 1882.....	.....	2,141	.....	1,288	.....	1,808
Short-Horn, 1883.....	.....	1,955	1,765	1,222	.....	1,797
Short-Horn, 1884.....	.....	1,981	1,738	1,261	.....	.....
Average.....	2,310	2,067	1,697	1,335	.....	1,748
Hereford, 1878.....	2,010	1,735	1,470	.....	.....	1,630
Hereford, 1879.....	1,994	1,973	1,474	1,230	.....	1,615
Hereford, 1880.....	.....	1,875	1,738	1,115	.....	1,720
Hereford, 1881.....	.....	1,947	.....	.....	.....	1,455
Hereford, 1882.....	.....	1,765	1,626	1,330	.....	1,672
Hereford, 1883.....	.....	1,952	1,534	1,132	.....	1,680
Hereford, 1884.....	.....	1,817	1,405	1,287	.....	.....
Average.....	2,002	1,866	1,541	1,219	.....	1,629
Aberdeen-Angus, 1883.....	.....	2,355	1,815	.....	.....	1,703
Aberdeen-Angus, 1884.....	.....	1,890	.....	1,248	.....	.....
Average.....	.....	2,122	1,815	1,248	.....	1,703
Devon, 1878.....	1,757	1,565	.....	.....	.....	1,200
Devon, 1879.....	.....	1,509	.....	844	.....	1,115
Devon, 1880.....	.....	1,220	1,250	.....	.....	.....
Devon, 1881.....	.....	1,152	977	792	.....	.....
Devon, 1882.....	.....	.....	.....	.....	.....	.....
Devon, 1883.....	.....	.....	.....	.....	.....	.....
Devon, 1884.....	.....	.....	.....	.....	.....	.....
Average.....	1,757	1,361	1,113	818	.....	1,157
Holstein, 1883.....	.....	.....	.....	.....	.....	1,645
Holstein, 1884.....	.....	1,450	1,800	.....	.....	.....
Average.....	.....	1,450	1,800	.....	.....	1,645
Grades and Crosses, 1878.....	2,491	2,032	1,650	1,470	.....	.....
Grades and Crosses, 1879.....	2,373	1,946	1,710	1,307	.....	.....
Grades and Crosses, 1880.....	.....	1,924	1,721	1,290	.....	1,770
Grades and Crosses, 1881.....	.....	1,943	1,675	1,288	.....	1,722
Grades and Crosses, 1882.....	.....	2,034	1,753	1,318	.....	1,896
Grades and Crosses, 1883.....	.....	2,152	1,762	1,239	.....	2,005
Grades and Crosses, 1884.....	.....	2,071	1,718	1,286	757	.....
Average.....	2,432	2,014	1,713	1,314	757	1,848

Consolidated average weights of the rings of the various breeds of Cattle and their crosses, exhibited in 1878, 1879, 1880, 1881, 1882, 1883 and 1884.

Short-Horn.....	2,310	2,067	1,697	1,335	.....	1,748
Hereford.....	2,002	1,866	1,541	1,219	.....	1,629
Aberdeen-Angus.....	.....	2,122	1,815	1,248	.....	1,703
Devon.....	1,757	1,361	1,113	818	.....	1,157
Holstein.....	.....	1,450	1,800	.....	.....	.....
Grades and Crosses.....	2,432	2,014	1,713	1,314	757	1,848

## EARLY MATURITY.

From the foregoing table, giving the consolidated average weights of all the cattle of the several breeds of different ages exhibited at the Fat-Stock Shows of 1878, 1879, 1880, 1881, 1882, 1883 and 1884, the following table is prepared.

It is generally conceded that the best obtainable specimens of the several beef breeds have been exhibited at these shows, and until the results are changed at future shows, the public may find the following table of some value in determining the comparative feeding qualities as far as early maturity is concerned.

In the following table it will be seen that the Short-Horn steers have made the most rapid growth, and the weights of this breed, as given above, will be represented by one hundred as a basis for determining by percentage the comparative weights of the different breeds of cattle of same ages exhibited at the seven exhibitions of Fat Stock.

Breed.	Steer or spayed heifer 3 and under 4 years.	Steer or spayed heifer 2 and under 3 years.	Steer or spayed heifer 1 and under 2 years.	Cow 3 years old or over.....
Short-Horn .....	100	100	100	100
Hereford .....	90	91	91	93
Aberdeen-Angus.....	103	107	93	100
Devon .....	66	65	61	66
Holstein.....	70	106	.....	94
Grades and Crosses.....	97	101	98	106

## QUALITY.

The block is generally conceded to be the most conclusive test of the quality of meat.

The premiums awarded beef carcasses at Fat-Stock shows to date are given in the following table.

The number of entries in the class and sweepstakes rings for dressed carcasses at the several shows are as follows: Herefords, 19; Grade Herefords, 40; Hereford-Short-Horns, 2; Short-Horns, 5; Grade Short-Horns, 26; Short-Horn-Jersey, 1; Grade Devon, 1; Aberdeen-Angus, 4; Grade Aberdeen-Angus, 2; making the per cent. of entries as follows: Herefords, nineteen per cent.; Grade Herefords, forty per cent.; Hereford-Short-Horns, two per cent.; Short-Horns, five per cent.; Grade Short-Horns, twenty-six per cent.; Short-Horn-Jersey, one per cent.; Grade Devon, one per cent.; Aberdeen-Angus, four per cent.; Grade Aberdeen-Angus, two per cent.



In the table, each premium awarded dressed carcasses at the several shows in the class and sweepstakes rings is counted at 100 points for the convenience of making comparison:

Year.	Aberd'n-Angus.	Grade Ab.-Ang.	Hereford	Grade Hereford	Short-Horn.	Grade Sh't-H'n.
	Points of total entries..	Points scaled of total entries..	Points scaled of total entries..	Points scaled of total entries..	Points scaled of total entries..	Points scaled of total entries..
Steer or Spayed Heifer 3 and under 4 years.						
1884.....	10	...	10	20	30	100
1883.....	...	...	60	20	20	100
1882.....	...	...	20	60	20	...
1881.....	...	...	...	33½	66%	...
1880.....	...	...	33½	100	33½	...
1879*.....	...	...	...	33½	33½	...
Steer or Spayed Heifer 2 and under 3 years.						
1884.....	...	9	100	37	9	36
1883.....	25	100	25	50	...	...
1882.....	...	...	...	100	100	...
1881.....	...	...	...	50	50	100
1880.....	...	...	...	50	50	100
Steer or Spayed Heifer 1 and under 2 years.						
1884.....	...	17	100	17	16	50
1883.....	...	...	25	75	...	...
1882.....	...	...	...	33½	66%	100
1881.....	...	...	...	100	100	...
1880.....	...	...	50	50	50	50
Steer or Spayed Heifer under 1 year.						
1884.....	...	...	100	100	...	...
Sweepstakes—all ages.						
1884.....	6.67	6.66	20.00	16.67	16.67	33.33
1883.....	7.69	...	38.46	46.16	...	7.69
1882.....	...	...	9.09	63.64	...	27.27
1881.....	...	...	7.15	42.85	7.15	42.85
Total.....	100	200	550	500	250	500

\* 33½ per cent. Grade Devon.

It will be seen that the honors in the slaughtering rings have been distributed among the various breeds of cattle, their grades or crosses, as follows: The Herefords receive 26 per cent. of all the prizes for dressed carcasses; Grade Herefords, 24 per cent.; Short-Horns, 12 per cent.; Grade Short-Horns, 24 per cent.; Aberdeen-Angus, 5 per cent.; Grade Aberdeen-Angus, 9 per cent.

The number of entries in the killing classes at the several Shows is as follows:

#### Entries of Steers 3 and under 4 years.

Year.	Sh't-Horns.	Herefords.	Ab.-Angus.	Grade Sh't-Horns.	Grade Herefords.	Grade Devons.
1879.....	...	...	...	1	1	1
1880.....	...	1	...	1	1	...
1881.....	...	...	...	2	1	...
1882.....	...	1	...	1	3	...
1883.....	...	3	...	1	1	...
1884.....	3	1	1	3	2	...

The premiums have been awarded on carcasses of steers 3 and under 4 years as follows: In 1884, Short-Horn steer Clarence Kirklevington, exhibited by Canada West Farm Stock Association, Brantford, Ont.; in 1883, grade Short-Horn steer Starlight, exhibited by J. H. Potts & Son, Jacksonville, Ill.; in 1882, Hereford steer Sir Richard, exhibited by M. H. Cochrane, Compton, Quebec, Can.; in 1881, grade Hereford steer Broad Horns, exhibited by C. M. Culbertson, of Chicago; in 1880, Hereford steer Alex., exhibited by T. L. Miller, Beecher, Ill.; in 1879, grade Hereford steer Barney, exhibited by T. L. Miller, Beecher, Ill.

Entries of Steers 2 and under 3 years.

Year.	Short-Horn	Hereford.	Aberdeen-Angus.	Grade Short-Horn	Grade Hereford.	Grade Aberdeen-Angus.
1880	.....	.....	.....	1	1	.....
1881	.....	.....	.....	1	1	.....
1882	.....	.....	.....	.....	3	.....
1883	.....	1	1	.....	2	.....
1884	1	4	.....	4	1	1

Premiums have been awarded carcasses of steers 2 and under 3 years of age, as follows: In 1834, grade Aberdeen-Angus steer Abernethy, exhibited by American Aberdeen-Angus Association, Independence, Mo.; in 1883, Aberdeen-Angus steer Waterside Jock, exhibited by M. H. Cochrane, Compton, Quebec; in 1882, grade Hereford steer Jay, exhibited by H. Norris & Son, Aurora, Ill.; in 1881, grade Short-Horn steer Echard, exhibited by David Grant, Petersburg, Ill.; in 1880, grade Short-Horn steer Blank, exhibited by J. D. Gillett, Elkhart, Ill.

Entries of Steers 1 and under 2 years.

Year.	Short-Horn.	Herefords.	Grade Short-Horn.	Grade Hereford.	Hereford-Short-Horn.	Short-Horn Jersey.	Grade Aberdeen-Angus.
1880	.....	.....	.....	.....	1	.....	.....
1881	.....	.....	.....	1	.....	.....	.....
1882	.....	.....	2	1	.....	.....	.....
1883	.....	1	.....	3	.....	.....	.....
1884	1	.....	2	1	.....	1	1

Premiums have been awarded carcasses of steers 1 and under 2 years, as follows: In 1884, grade Aberdeen-Angus steer Quality, exhibited by M. H. Cochrane, Compton, Quebec; in 1883, Hereford steer Harry, exhibited by Fowler & VanNatta, Fowler, Ind.; in 1882, grade Short-Horn steer Red Major, exhibited by J. H. Potts & Son, Jacksonville, Ill.; in 1881, grade Hereford steer Bailey, exhibited by G. S. Burleigh, Mechanicsville, Iowa; in 1880, Hereford-Short-Horn steer Monroe, exhibited by G. S. Burleigh, Mechanicsville, Iowa.

## Entries of Steers under 1 year.

Year.	Grade Hereford
1884 .....	1

Premium awarded to grade Hereford steer Jno. Yeomans, exhibited by T. C. Ponting, Moweaqua, Ill.

## Sweepstakes entries Carcass Prizes.

Year.	Short-Horn	Hereford	Aberdeen-Angus	Devon	Grade Short-Horn	Grade Hereford	Grade Devon	Hereford-Short-Horn	Short-Horn Jersey	Grade Aberdeen-Angus
1881 .....					3	3		1		
1882 .....		1			3	7				
1883 .....		5	1		1	6				
1884 .....	5	6	2		9	5			1	2

Sweepstakes premiums have been awarded dressed carcasses, as follows: In 1834, Short-Horn steer Clarence Kirklevington, exhibited by Canada West Farm Stock Association, Brantford, Ont.; in 1883, grade Short-Horn steer Starlight, exhibited by J. H. Potts & Son, Jacksonville; in 1882, Hereford steer Sir Richard, exhibited by M. H. Cochrane, Compton, Quebec, Can.; in 1881, grade Hereford steer Broad Horns, exhibited by C. M. Culbertson, Chicago.

## PRIZE RECORD.

The number of entries and number of prizes awarded cattle of the several breeds and their crosses or grades at the Fat-Stock Shows, in rings where all the breeds and their grades or crosses compete together, is given in the following tables:

The number of entries of the several classes of cattle is as follows: Short-Horns 129, Herefords 67, Devons 9, Aberdeen-Angus 11, Holsteins 2, Galloways 2, grade Short-Horns 742, grade Herefords 314, grade Aberdeen-Angus 8, grade Holstein 4, Hereford-Short-Horns 6, grade Devons 6, Hereford-Jersey 2, Short-Horn-Jersey 1, Short-Horn-Aberdeen-Angus 5, Hereford-Texan 1, Hereford-Aberdeen-Angus 1.

The per cent. of foregoing entries to the total number (1,310) is as follows: Short-Horns 9.85 per cent., Herefords 5.11 per cent., Aberdeen-Angus .84 per cent., Devons .68 per cent., Holsteins .15 per cent., Galloways .15 per cent., grade Short-Horns 56.64 per cent., grade Herefords 23.98 per cent., grade Aberdeen-Angus .61 per cent., grade Holsteins .30 per cent., Hereford-Short-Horns .46 per cent.,



grade Devons .46 per cent., Hereford-Jerseys .15 per cent., Short-Horn-Jersey .08 per cent., Short-Horn-Angus .38 per cent., Hereford Texan .08 per cent., Hereford-Angus .08 per cent.

The number of first and sweepstakes premiums awarded to the several breeds, their grades or crosses, in the rings specified in the table, is: Short-Horns 16, Herefords 7, Aberdeen-Angus 3, grade Short-Horns 61, grade Herefords 23, grade Aberdeen-Angus 2.

The per cent. of premiums awarded each class of cattle at the several shows, based on the foregoing figures, is as follows: Short-Horns 14, Herefords 6, Aberdeen-Angus 3, grade Short-Horns 55, grade Herefords 20, grade Aberdeen-Angus 2.

Prize Record.

	SHORT-HORN.	HEREFORD.	DEVON.	ABERDEEN-ANGUS.	HOLSTEIN.	GRADE SHORT-HORN.	GRADE HEREFORD.
	No. entries ....	No. entries ....	No. entries ...	No. entries ....	No. entries ....	No. entries ....	No. entries ....
	1st and sweepstakes premiums .....	1st and sweepstakes premiums .....	1st and sweepstakes premiums .....	1st and sweepstakes premiums .....	1st and sweepstakes premiums .....	1st and sweepstakes premiums .....	1st and sweepstakes premiums .....
Grades or Crosses.							
Steer or spayed heifer 3 and under 4 .....							
" " 2 " " .....							
" " 1 " " .....							
under 1 year .....							
Cow three years old or over .....							
Sweepstakes.							
Steer or spayed heifer 3 and under 4 .....	18	10	2	2			
" " 2 " " .....	30	15	1	1			
" " 1 " " .....	21	12	1	2			
under 1 year .....							
Cow three years old or over .....	30	12	1	1	2		
Grand Sweepstakes .....							
Early maturity, 3 and under 4 .....	4	1					
" " 2 " " .....	9	3					
" " 1 " " .....	6		3	1			
under 1 year .....							
Cost of production.							
Steer or spayed heifer 3 and under 4 .....	3	1					
" " 2 " " .....	1						
" " 1 " " .....	2	2					
†Dressed Carcass, 3 and under 4 .....	3	1					
" " 2 " " .....	1	5					
" " 1 " " .....	1	1					
under 1 year .....							
Total .....	129	67	9	11	2	61	23

\*Hereford Short-Horn, 1. †Hereford Short-Horn, 2. ‡Hereford Short-Horn, 1. §Hereford Short-Horn, 2.

	GRADE ABERDEEN- ANGUS.	GRADE HOLSTEIN.	GRADE DEVON.	HEREFORD SHORT- HORN.	HEREFORD JERSEY.	SHORT- HORN JERSEY.	SHORT-HORN ABERDEEN- ANGUS.	HEREFORD TEXAN	GALLO- WAY.	HEREFORD ABERDEEN- ANGUS.
	1st and sweep- stakes premiums.....	1st and sweep- stakes premiums.....	1st and sweep- stakes premiums.....	1st and sweep- stakes premiums.....	1st and sweep- stakes premiums.....	1st and sweep- stakes premiums.....	1st and sweep- stakes premiums.....	1st and sweep- stakes premiums.....	1st and sweep- stakes premiums.....	1st and sweep- stakes premiums.....
	No. entries ....	No. entries ....	No. entries ....	No. entries ....	No. entries ....	No. entries ....	No. entries ....	No. entries ....	No. entries ....	No. entries ....
Grades or Crosses.										
Steer or spayed heifer 3 and under 4	1	1		2			5			
" " 2 " "	1	1		2						
" " 1 " "					1					
" " under 1 year										
Cow 3 years old or over										
Sweepstakes.										
Steer or spayed heifer 3 and under 4	1		4	1					2	
* " 2 " "	1		1		1					1
* " 1 " "										
* " under 1 year										
Cow 3 years old or over										
Grand Sweepstakes.										
Early maturity, 3 and under 4.....				1						
" " 2 " "	1									
" " 1 " "	1									
" " under 1 year		1								
Cost of Production.										
Steer or spayed heifer 3 and under 4										
" " 2 " "	3			2						
" " 1 " "	2									
Dressed Carcass, 3 and under 4...										
" " 2 " "	1									
" " 1 " "	1		1			1				
" " under 1 year										
Total	8	2	4	6	2	1	5		2	1

\*Hereford Short-Horn, 1. †Hereford Short-Horn, 2. ‡Hereford Short-Horn, 1. §Hereford Short-Horn, 2.



	No. of entries...	Number 1st and Sweepstakes premiums awarded.....	Per cent. of premiums awarded..	No. of premiums each breed should have received according to No. of entries.	Per cent. of premiums each breed should have received according to No. of entries.	Per cent. of premiums awarded in proportion to entries.	
						Excess.	Deficit.
Short-Horn .....	129	16	14.29	11,029	9.849	4.441	-----
Hereford.....	67	7	6.25	5,728	5.114	1.136	-----
Devon.....	9	.....	.....	0.769	0.687	.....	0.687
Aberdeen-Angus.....	11	3	2.68	0.940	0.839	1.841	-----
Holstein.....	2	.....	.....	0.171	0.153	.....	0.153
Galloway.....	2	.....	.....	0.171	0.153	.....	0.153
Grade Short-Horn.....	742	61	54.46	63,441	56.643	.....	2.183
Grade Hereford.....	314	23	20.53	26,846	23.969	.....	3.439
Short-Horn-Hereford.....	6	.....	.....	0.513	0.458	.....	0.458
Grade Devon.....	6	.....	.....	0.513	0.458	.....	0.458
Grade Angus.....	8	2	1.79	0.684	0.610	1.180	-----
Grade Holstein.....	4	.....	.....	0.342	0.305	.....	0.305
Hereford-Jersey.....	2	.....	.....	0.171	0.153	.....	0.153
Short-Horn-Jersey.....	1	.....	.....	0.085	0.076	.....	0.076
Short-Horn-Angus.....	5	.....	.....	0.427	0.381	.....	0.381
Hereford-Texan.....	1	.....	.....	0.085	0.076	.....	0.076
Hereford-Angus.....	1	.....	.....	0.085	0.076	.....	0.076
	1,310	112	100.00	112,000	100,000	-----	-----

It will be seen from the above award of premiums by expert judges at the seven shows, if we take into consideration the number of entries of each class of cattle shown, that prestige is as follows:

First, Aberdeen-Angus (it having received 219.1 per cent. above its proportional amount); second, Grade Angus, (it having received 192.4 per cent. above its proportional amount); third, Short-Horn, (it having received 46.21 per cent. above its proportional amount); and fourth, Hereford, (it having received 22.21 per cent. above its proportional amount).

If the 112 premiums awarded on the 1,310 entries represented in the above table, had been distributed in proportion to the number, the several classes would have received the per cent. of the first and sweepstakes premiums represented in the column so headed, and in the following order: Grade Short-Horn, grade Hereford, Short-Horn, Hereford.

The last two columns show the per cent. of excess or deficiency in premiums awarded to each class of animals shown.

## CLASS C—SHEEP.

Average weights in the rings of the various breeds of Sheep and their crosses, exhibited at the 1878, 1879, 1880, 1881, 1882, 1883 and 1884 Fat-Stock Shows:

Breed.	Wether 2 years old or over...	Wether 1 and under 2 years old .....	Wether under 1 year old ...	Ewe 2 years old or over.	Ewe 1 and un- der 2 years..	Ewe under 1 year old.....
Cotswold, 1878.....	.....	224	.....	306	.....	130
Cotswold, 1879.....	243	194	150	270	223	132
Cotswold, 1880.....	236	196	114	271	.....	.....
Cotswold, 1881.....	251	194	.....	244	226	121
Cotswold, 1882.....	274	203	136	274	253	125
Cotswold, 1883.....	267	213	202	.....	.....	.....
Cotswold, 1884.....	277	167	110	.....	.....	.....
Average.....	258	199	142	273	235	127
Other Long Wools, 1878.....	.....	.....	.....	.....	.....	.....
Other Long Wools, 1879.....	266	.....	.....	.....	.....	113
Other Long Wools, 1880.....	281	.....	.....	.....	.....	111
Other Long Wools, 1881.....	.....	.....	.....	.....	.....	.....
Other Long Wools, 1882.....	267	255	151	238	204	.....
Other Long Wools, 1883.....	271	224	.....	.....	.....	.....
Other Long Wools, 1884.....	232	.....	.....	.....	.....	.....
Average.....	263	239	151	238	204	112
Southdown, 1878.....	.....	.....	.....	.....	.....	.....
Southdown, 1879.....	178	160	94	171	128	100
Southdown, 1880.....	219	166	107	173	132	95
Southdown, 1881.....	195	157	193	.....	.....	.....
Southdown, 1882.....	206	194	114	165	.....	.....
Southdown, 1883.....	228	176	97	.....	.....	.....
Southdown, 1884.....	207	178	109	.....	.....	.....
Average.....	205	172	119	169	130	97
Other Middle Wools, 1878.....	.....	.....	.....	.....	.....	.....
Other Middle Wools, 1879.....	213	.....	.....	213	185	.....
Other Middle Wools, 1880.....	.....	184	.....	.....	196	89
Other Middle Wools, 1881.....	226	181	.....	220	.....	.....
Other Middle Wools, 1882.....	230	175	94	202	240	85
Other Middle Wools, 1883.....	206	187	107	.....	.....	.....
Other Middle Wools, 1884.....	239	179	151	.....	.....	.....
Average.....	223	181	117	216	208	87
American Merino, 1878.....	.....	.....	.....	.....	.....	.....
American Merino, 1879.....	.....	.....	.....	.....	.....	.....
American Merino, 1880.....	139	112	75	99	78	.....
American Merino, 1881.....	.....	.....	.....	.....	.....	.....
American Merino, 1882.....	.....	.....	.....	104	69	52
American Merino, 1883.....	136	113	83	.....	.....	.....
Average.....	137	112	79	101	73	52
Other Fine Wools, 1878.....	.....	.....	.....	.....	.....	.....
Other Fine Wools, 1879.....	.....	.....	.....	.....	.....	.....
Other Fine Wools, 1880.....	.....	.....	.....	.....	.....	.....
Other Fine Wools, 1881.....	.....	.....	.....	.....	.....	.....
Other Fine Wools, 1882.....	.....	.....	.....	.....	.....	.....
Other Fine Wools, 1883.....	.....	.....	.....	.....	.....	.....
Average.....	.....	.....	.....	.....	.....	.....
Grades or Crosses, 1878.....	.....	.....	.....	.....	.....	.....
Grades or Crosses, 1879.....	213	177	128	215	160	115
Grades or Crosses, 1880.....	219	217	118	232	171	118
Grades or Crosses, 1881.....	231	169	117	164	164	104
Grades or Crosses, 1882.....	246	196	118	241	167	141
Grades or Crosses, 1883.....	217	202	110	.....	.....	.....
Grades or Crosses, 1884.....	202	168	117	.....	.....	.....
Average.....	221	188	118	213	165	122

*Class C—Sheep—Continued.*

Consolidated average weights of the rings of the various breeds of Sheep and their crosses, exhibited in 1878, 1879, 1880, 1881, 1882, 1883 and 1884.

Breed.	Wether 2 years old or over...	Wether 1 and under 2 years old.....	Wether under 1 year old...	Ewe 2 years old or over...	Ewe 1 and un- der 2 years..	Ewe under 1 year old.....
Cotswold.....	258	199	142	273	235	127
Other Long Wools.....	263	239	151	238	204	112
Southdown.....	205	172	119	169	130	97
Other Middle Wools.....	223	181	117	211	203	87
American Merino.....	137	112	79	101	73	52
Grades or Crosses.....	221	188	118	213	165	122

## EARLY MATURITY.

## WETHER SHOWING MOST RAPID GROWTH.

## Wether 2 and under 3 years.

Year.	Breed.	Age in days.	Weight.	Average gain per day in lbs. since birth.
1879.....	Leicester.....	969	300	0.31
1880.....	Leicester.....	971	282	0.29
1881.....	Cotswold.....	933	281	0.30
1882.....	Cotswold.....	966	292	0.30
1883.....	.....	.....	.....	.....
1884.....	.....	.....	.....	.....

## Wether 1 and under 2 years.

1878.....	Cotswold.....	535	220	0.41
1879.....	Cotswold.....	574	218	0.38
1880.....	Grade Oxford.....	612	232	0.38
1881.....	Cotswold.....	568	205	0.36
1882.....	Leicester.....	600	295	0.49
1883.....	.....	.....	.....	.....
1884.....	.....	.....	.....	.....

## Wether under 1 year.

1878.....	Cotswold.....	170	152	0.89
1879.....	Cotswold.....	240	150	0.62
1880.....	Cotswold.....	210	114	0.54
1881.....	Southdown.....	213	193	0.90
1882.....	Leicester.....	235	178	0.75
1883.....	Cotswold.....	218	192	0.88
1884.....	Southdown.....	167	112	0.67



## DRESSED CARCASS.

Wether 2 years or over.

Name of Animal.	Breed.	Age in days.	Live weight at slaughter	Weight of dressed carcass	Per cent. net carcass to gross or live weight...	Weight of pelt.....	Weight of tallow.....	Per cent. carcass, pelt and tallow to gross weight.....	Weight of head.....	Weight of lungs and heart.....	Weight of liver and melt.....	Weight of paunch and intestines	Weight of blood	Shrinkage.	Per ct. offal and shrinkage to live weight.....
Harry Model.....	Shropshire.....	946 976	225 272	127 186½	.56 .68	28 23½	3½ 8	.70 .80	6 6	4 3	3 2	30 29	7 8	7½ 6	.39 .20
1881 Average, 2 animals.....	.....	961 945	248 196	157 131	.63 .66	26 17	6 7½	.76 .79	6 5	3 3	2 2	34 20½	7 8½	7 2½	.24 .21

## First Premium Animals.

1884 Model.....	Shropshire.....	976	272	186½	.68	23½	8	.80	6	3	2	29	8	6	.29
1885 Quality.....	.....	952	148	91½	.62	13½	6	.75	4	3	2	20	6	2	.25

## Wether 1 and under 2 years.

Jack.....	Grade Hampshire.....	555	145	88½	.61	10	4	.71	5	2	3½	19	5	8	.29
Erwin.....	Southdown.....	669	185	116	.63	18	3½	.74	5	3	2	29½	3	5	.26
Jack.....	Cotswold-Southdown.....	575	171	99	.58	19	6	.72	5	3½	2	29½	3	5½	.28
Jack.....	Grade Southdown.....	597	185	116	.63	18½	8	.77	5	2½	2	22	5½	5½	.23
1881 Average, 4 animals.....	.....	599	171	105	.61	16	5	.74	5	3	3	25	5	4	.26
1883.....	.....	574	199	122½	.62	21	9	.77	5	3	2	24½	9	3	.23

## First Premium Animals.

Name of Animal.	Breed.	Age in days.....	Live weight at slaughter	Weight of dressed carcass.....	Per cent. net carcass to gross or live weight...	Weight of pelt.....	Weight of tallow.....	Per cent. carcass, pelt and tallow to gross weight.....	Weight of head.....	Weight of lungs and heart.....	Weight of liver and melt.....	Weight of paunch and intestines.....	Weight of blood.....	Shrinkage.....	Per ct. offal and shrinkage to live weight.....
1884.. Jack .....	Grade Southdown .....	597	185	116	.63	18½	8	.77	5	2½	2	22	5½	5½	.23
1883.. Hero .....	Cotswold .....	583	193	113	.58	23½	6	.74	5½	3	2	29	9	2	.26

## Wether 1 and under 2 years.

Stonington.....	Cotswold.....	185	97	49½	.51	14	3	.69	3½	2	1½	15½	3½	4½	.31
Harry .....	Southdown.....	151	112	61½	.57	13	4	.73	3½	2	1	15½	3	5½	.27
1884.. Average, 2 animals.....		168	104	57	.55	13½	3½	.71	3½	2	1	15½	3	5	.29
1883.. " " ".....		198	114	64	.57	14	3	.71	3½	2	2	16½	6	3	.29

## First Premium Animals.

1884.. Harry .....	Southdown .....	151	112	64½	.57	13	4	.73	3½	2	1	15½	3	5½	.27
1883.. Carly .....	Oxford-Cotswold .....	200	121	70½	.58	15	4	.74	3½	2	1½	16	6	2½	.26





## Class D—Swine—Continued.

Breed.	Barrow 2 years old or over...	Barrow 1 and under 2 years.	Barrow under 1 year and over 6 months.....	Barrow under 6 months.....	Sow 2 years old or over.....	Sow 1 and un- der 2 years old	Sow under 1 year and over 6 months.....	Sow under 6 months.....
Yorkshire, 1884.....			313					
Suffolk, 1884.....		310	189					
Grades and Crosses, 1878.....		522	298					
Grades and Crosses, 1879.....	589	436	361		620	478	365	
Grades and Crosses, 1880.....		490	350			306	353	
Grades and Crosses, 1881.....		410	326			460	319	
Grades and Crosses, 1882.....		477	326			404	320	
Grades and Crosses, 1883.....		456	283					
Grades and Crosses, 1884.....		444	385					
Average.....	589	462	333		620	412	346	

Consolidated average weights of rings of the various breeds of Hogs and their crosses exhibited in 1878, 1879, 1880, 1881, 1882, 1883 and 1884.

Berkshire.....		429	315	190	635	459	361	162
Poland China.....	698	479	298	192	600	488	308	175
Chester White.....	644	433	333			387	291	
Victoria.....		423	293			461	220	
Duroc Jersey Red.....		487	372			405	320	
Essex.....	472	414	275	187	440	379	254	153
Yorkshire.....			313					
Suffolk.....		310	189					
Grades and Crosses.....	589	462	333		620	412	346	

## EARLY MATURITY.

## BARROWS SHOWING MOST RAPID GROWTH.

## Barrow 1 and under 2 years.

Year.	Breed.	Age in days.	Weight.	Average gain per day in lbs. since birth.
1878.....	Suffolk Cross.....	439	522	1.19
1879.....	Grade Suffolk.....	431	473	1.09
1880.....	Poland China.....	467	483	1.03
1881.....	Poland China.....	385	444	1.15
1882.....	Jersey Red.....	416	533	1.28
1883.....				
1884.....				

## Barrow under 1 year.

1878.....	Poland China.....	158	203	1.28
1879.....	Poland China.....	237	334	1.40
1880.....	Poland China.....	185	217	1.17
1881.....	Essex.....	177	207	1.16
1882.....	Chester White.....	200	280	1.40
1883.....	Grade Victoria.....	189	277	1.46
1884.....	Duroc Jersey Red...	350	370	1.00

## DRESSED SWINE.

Barrow 12 and under 18 months.

Name and Postoffice of Exhibitor.	Name of Animal.	Breed.	Live weight at slaughter.	Weight dressed carcass and head.	Per ct. carcass and head to gross weight	Weight lungs and heart..	Weight liver and melt...	Weight, paunch	Weight, guts	Weight, blood.	Weight, hair, wet.....	Shrinkage.....	Per cent. offal, including shrinkage, to gross weight
Adam Donaldson, Pleasant Vall y, Ia...	Commodore.....	Grade Duroc.....	680	583	.86	6½	6	9	36	9½	5½	24½	.14
Sam Goodman, Leon, Ia	Big Abe.....	Poland China.....	533	550	.87	47½	5	7½	24	6½	7	15½	.13
Geo. F. Davis & Co., Dyer, Ind.	Prince.....	Victoria.....	472	405	.86	4½	4	5½	10½	5½	11	17	.14
G. W. Stoner, La Place	Hudson.....	Duroc Jersey Red...	485	380	.81	5	5½	8	26	5	6	17	.19
Stone & Loake, Stonington...	Josoto Chief.....	Poland China.....	532	580	.87	4½	7	8½	23	8½	15	15	.13
J. A. Connyman, Rochelle	Blaine.....	Poland China.....	417	410	.87	4	3	3½	16	3½	5	18	.13
Frank Willson, Jackson, Mich.	Jerry.....	Suffolk.....	405	270	.83	3½	3½	8½	17	4	4	5½	.17
1884 Average 7 animals.....			484	409	.86	5	5	7	23	6	6	15	.14
1885 " 5 "			465	432	.88	4	4	7	19	6	3	14	.12
1882 " 3 "			486	477	.86	3	4	3	17	6	5	27	.14

First Premium Animals.

1881	Stone & Loake.....	Josoto Chief.....	532	580	.87	4%	7	8½	23	8½	6	15
1883	Taylor Bros.....	Andy.....	539	579	.87	4	4½	2	18½	8	5½	31½
1882	Scheidt & Davis.....	Bouncer.....	539	579	.87	4	4½	2	18½	8	5½	31½

Adam Donaldson, Pleasant Valley, Ia. ....	Red Boy .....	Duroc-Jrs.'v Red	341	420	360	.86	4½	5	7	24	6	8½	5	14
Stone & Loake, Stonington .....	Perfection .....	Berkshire-Vict'a.	306	400	353½	.88	4	5	5	17	4½	6	5	12
L. C. Henley, Mattoon .....	John .....	Yorkshire .....	357	331	291	.88	3	2	2½	15	7½	4	6	12
Geo. F. Davis & Co., Dyer, Ind. ....	Beauty .....	Victoria .....	160	180	151	.84	2	3	4	12	3	2	3	16
J. A. Countryman, Rochelle, .....	X L. ....	Poland China ..	235	255	216	.85	2½	3	3	13	2	3	12½	15
Frank Willson, Jackson, Mich. ....	Walter .....	Essex, .....	318	450	308	.88	3½	4½	4½	16	4	3½	6	12
1884..	Average 6 animals .....	.....	286	323	280	.87	3	3½	4	16	4½	4½	8½	13
1883..	" 6 .....	.....	259	275	232	.84	3	4	3	16	5	3	9	16
1882..	" 3 .....	.....	231	316	272	.86	3	4	2	13	4	3	15	14

## First Premium Animals.

1884..	L. C. Henley, Mattoon .....	John .....	357	331	291	.88	3	2	2½	15	7½	4	6	12
1883..	R. J. Stone, Stonington, .....	Fatty .....	251	295	258	.88	2	3	2½	13½	5½	4	6½	12
1882..	Scheidt & Davis, Dyer, Ind. ....	Dick .....	322	380	330	.87	3	4	2	16	4	2½	18½	13



## ROLL OF HONOR.

The following table gives the ages from month to month and weight of noted steers exhibited at the seven Fat-Stock Shows (nearest the ages named) that have made the largest average gain per day, including weight at birth.

The largest average gain per day made by the representative animals named in the following list, makes it proper that special attention should repeatedly be called to these remarkable results in feeding, as well as skill in breeding animals of such unusual aptitude for rapid growth.

The forty animals named in the table represent the seven Fat-Stock Shows as follows: 1878, two steers; 1879, six steers; 1880, four steers; 1881, five steers; 1882, five steers; 1883, eleven steers; 1884, seven steers.

The number of each of the various breeds and crosses included in the table is as follows: Short-Horns, 9; grade Short-Horns, 22; grade Herefords, 7; Hereford-Short-Horn, 1; Aberdeen-Angus, 1.

The breeders of the several States are represented as follows: Illinois, 27 steers; Indiana, 4; Ohio, 2; Kentucky, 3; Canada, 2; Iowa, 1; Nebraska, 1.

No. of months, 30 days each.	No. days	Age of steer in days nearest to time named.	Breed.	Weight.	Average grain per day in pounds.	Exhibited.		Name of Animal.
						Year.	By—	
Steer under 1 year.								
5	150	138	Grade Short-Horn.....	385	2 78	1884	John D. Gillett	Justine
8	240	251	Grade Hereford.....	810	3 22	1883	B. Hershey	Prospect
9	270	262	"	725	2 77	1883	J. R. Price	Confidence
10	300	290	"	855	2 95	1883	Fowler & Van Natta	Dandy Boy
Steer 1 and under 2 years.								
12	360	381	Grade Short-Horn.....	1,045	2 74	1883	Cobb & Phillips	Arthur
13	390	384	Short-Horn.....	1,140	2 97	1882	"	Cassius V
14	420	410	Aberdeen-Angus.....	1,125	2 74	1884	Indiana Blooded Stock Co	Blaine
15	450	454	Grade Short-Horn.....	1,230	2 70	1882	John D. Gillett	Waxel
16	480	480	Grade Hereford.....	1,152	2 40	1879	T. L. Miller	Putnam
17	510	513	Grade Short-Horn.....	1,373	2 67	1879	John D. Gillett	Jim Smith
18	540	544	"	1,401	2 57	1879	"	Albert Pell
19	570	564	"	1,286	2 46	1879	Amos F. Moore	Hawks
20	600	597	Short-Horn.....	1,495	2 50	1884	B. Waddel	Orto
21	630	630	Grade Short-Horn.....	1,640	2 60	1883	John G. Imboden	Scratch
22	660	650	Short-Horn.....	1,480	2 28	1878	J. N. Brown's Sons	Duke Sangamon
23	690	688	Grade Short-Horn.....	1,880	2 73	1880	John D. Gillett	Porter
Steer 2 and under 3 years.								
24	720	719	Grade Short-Horn.....	1,565	2 17	1881	J. H. Potts & Son	Major
25	750	765	"	1,615	2 11	1883	J. R. Peak & Son	Joe
26	780	783	Short-Horn.....	1,635	2 09	1881	J. D. Gillett	Chance
27	810	816	Grade Short-Horn.....	1,750	2 14	1883	"	Cherry
28	840	832	Grade Hereford.....	1,845	2 21	1880	T. L. Miller	Conqueror
29	870	858	Grade Short-Horn.....	2,220	3 39	1882	J. D. Gillett	Mammoth
30	900	902	Grade Hereford.....	1,855	2 05	1884	Fowler & Van Natta	McGregor
31	930	940	Grade Short-Horn.....	1,975	2 10	1880	J. D. Gillett	Blood
32	960	964	"	1,940	2 01	1881	"	Cherry
33	990	977	"	2,081	2 12	1879	"	Barney
34	1,020	1,009	Short-Horn.....	2,045	2 02	1883	Canada W. F. S. Ass'n	Clarence Kirklevington
35	1,050	1,054	Grade Short-Horn.....	2,070	1 96	1883	John Ross & Son	Christmas King

No. of months, 30 days each.	Age of steer in days nearest to time named.	Breed.	Weight.	Average gain per day in pounds.	Exhibited.	Name of Animal.
	No. days				Year.	By—
		Steer 3 and under 4 years.				
36	1,080	Short-Horn.....	1,950	1 79	1878	Young Mary Steer 8th
37	1,110	Grade Short-Horn.....	1,855	1 67	1881	Frosty.....
38	1,140	".....	2,024	1 76	1879	Cap. Nels. Morris.....
39	1,170	".....	2,130	1 81	1881	Phil. Sheridan.....
40	1,200	Short-Horn.....	2,292	1 82	1884	Snow Flake.....
41	1,230	Grade Short-Horn.....	2,445	2 09	1883	Manmoth.....
42	1,260	".....	2,400	1 90	1882	Manmoth.....
43	1,290	Grade Hereford.....	2,300	1 76	1884	Canadian Champion.....
44	1,320	Short-Horn.....	2,535	1 94	1882	Benton's Champion.....
45	1,350	Short-Horn-Hereford.....	2,295	1 75	1884	Sangamon.....
46	1,380	Short-Horn.....	2,350	1 71	1880	Nichols.....
47	1,410	Grade Short-Horn.....	2,180	1 54	1883	Wm. Sandusky..... J. H. Potts & Son..... Starlight.....



## CLASS A—CATTLE.

Table giving number of entries of Cattle of the several ages and breeds, including grades and crosses, exhibited at the 1878, 1879, 1880, 1881, 1882, 1883 and 1884 Fat-Stock Shows:

Cattle.	Short-Horn.....	Hereford.....	Devon.....	Aberdeen-Angus...	Holstein.....	Grades or Crosses..	All Breeds and Grades by Ages..	Sweep-fakes.....	Grand Sweepstakes.	Pen of Cattle.....	Dressed Bullocks...	Heaviest Fat Steer.	Gain per day.....	Cost of Production.	Total.....
<b>Steer 4 years old or over.</b>															
1878.....	2	1	2			12		14							31
1879.....	5	4	1			13		19		2					51
<b>Steer 3 and under 4 years.</b>															
1878.....	2	3	2			10		8		2					27
1879.....	2	2	1			29		20		3					57
1880.....	4	1	2			18		18		2		3	10		58
1881.....	3	2	2			34		25		4		3	10		83
1882.....	5	1				24		21		4		5	11	2	72
1883.....	3	4		1		16		25		2		8	7	1	67
1884.....	9	2		1	1	22	29	4		4	10		11		93
<b>Steer 2 and under 3 years.</b>															
1878.....	5	1				12		13		2					33
1879.....	4	1				31		21		3					60
1880.....	5	3	1			20		22		1		2	10		64
1881.....	7		3			33		27		2		2	10		84
1882.....		3				19		17		3		3	8	3	56
1883.....	3	4		1		20		29		2		4	11	4	78
1884.....	11	8			1	47	52	4		12	11		18		164
<b>Steer 1 and under 2 years.</b>															
1878.....	3					2		5							10
1879.....	6	3	1			14		14		1					39
1880.....	1	1				22		15		1			10		51
1881.....						5		6			1		8		20
1882.....	3	1				17		13		1	3		12	4	54
1883.....	9	7		1		70		58		5	6		15	6	177
1884.....	9	4		4		27	28	3		4	6		16		101
<b>Steer under 1 year.</b>															
1884.....						10	9	1			1		8		29
<b>Cow 3 years old or over.</b>															
1878.....	6	3	1					6							16
1879.....	8	2	2	1		1		10							24
1880.....	3	1				1		5			1				11
1881.....	4	3	3			2		8							20
1882.....	8	2				3		9							22
1883.....	6	5		3		3		16			6				39
1884.....															
<b>All ages.</b>															
1878.....									21						21
1879.....									63						63
1880.....									58			13			71
1881.....									30			10			40
1882.....									27			7			34
1883.....									89			8			97
1884.....									13		30	4			47
<b>Total.</b>															
1878.....	18	8	5			36		46	21	4					138
1879.....	25	12	5	1		88		84	63	9		7			303
1880.....	13	6	3			61		60	58	4		13	30		255
1881.....	14	5	8			74		66	30	6		6	10	28	247
1882.....	16	7				63		59	27	8		7	31	9	238
1883.....	21	20		6		109		28	89	9		24	8	11	458
1884.....	29	14		5	2	106	118	12	13	20	58	4	53		434

## CLASS C—SHEEP.

Table giving number of entries of Sheep of the several ages and breeds, including grades and crosses, exhibited at the 1878, 1879, 1880, 1881, 1882, 1883 and 1884, Fat-Stock Shows.

Sheep.	Cotswold.....	Leicester and Lincoln.....	Other long wools.....	Southdown.....	Other downs.....	American Merino.....	Other fine wools.....	Grades or Crosses.....	Sweepstakes.....	Grind sweepstak's.....	Pen wethers.....	Dressed carcass.....	Heaviest fat sheep.....	Gain per day.....	Total.....
<b>Wether 2 years old or over—</b>															
1878.....			2	10	4			18	21						60
1879.....	5		1	9		1		7	14		2	3			42
1880.....	5			5	12			2	10		12				26
1881.....	5		3	3	3			5	10		1				30
1882.....	5		2	2	6	6		6	15		3				50
1883.....	8		2	2	6			6			3				31
1884.....	2	1		7	5			6	4		4	2			
<b>Wether 1 and under 2 years—</b>															
1878.....	1			8				12	2						3
1879.....	5			5	2	2		4	11			3			37
1880.....	2			5	3			4	11						26
1881.....	3			5	1			4	9						23
1882.....	4		2	3	1			4	9						23
1883.....	6		3	4	5	3		8	11			2			42
1884.....	1			7	4			12	4		4	4			36
<b>Wether under 1 year—</b>															
1878.....	2														2
1879.....	1			2				4	6						13
1880.....	1			1		1		3	4						10
1881.....				2				3	5						10
1882.....	1		2	3	1			3	6						16
1883.....	4		1	2	2	3		9	12			3			36
1884.....	1			3	1			6	3			2			16
<b>Ewe 2 years old or over—</b>															
1878.....	3								4						7
1879.....	16			8	2			10	22						53
1880.....	1			2		2		1	4						10
1881.....	1			1				1	3						6
1882.....	3		1	1	3	4		3	6						21
1883.....															
<b>Ewe 1 and under 2 years—</b>															
1878.....									1						1
1879.....	13			2	1			4	16						36
1880.....					1	2		1	4						10
1881.....	7							4	6						17
1882.....	1		1		5	1		4	4						16
1883.....															
<b>Ewe under 1 year—</b>															
1878.....									2						2
1879.....	4		1	1				2	5						13
1880.....			1	2	1			3	4						11
1881.....	5							6	8						19
1882.....	1				1	1		3	3						9
1883.....															
<b>All ages—</b>															
1878.....										9					9
1879.....										49					49
1880.....										19			7		26
1881.....										14			6		20
1882.....										25			7		30
1883.....										19			6	6	31
1884.....										3			2	3	8
<b>Total entries—</b>															
1878.....	6							50	9	9					24
1879.....	44		3	31	7			19	82	49	2				284
1880.....	9		2	21	4	8		41	41	19	2	3	7		138
1881.....	21			13	4			20	41	14	2		6		121
1882.....	15		9	10	14	6		22	38	23	1		7		145
1883.....	18		6	8	13	12		23	38	19	3	7	6	6	159
1884.....	4	1		17	10			24	11	3	3	8	2	3	91





## Class D—Swine—Continued.

Swine.	Total.....															
	Berkshire.....	Poland China.....	Chester White.....	Victoria.....	Duroc or Jersey Red.....	Essex.....	Yorkshire.....	Suffolk.....	Other small breeds.....	Grades or Crosses.....	Sweepstakes.....	Grand Sweepstakes.....	Pen barrows.....	Heaviest fat Hog.....	Dressed carcass.....	Gain per day.....
Sow 6 months old and under 1 year—																
1878 .....									4	1	8					19
1879 .....	3	3	3							2	5					12
1880 .....		3	3			3				4	7					13
1881 .....		3	3		1	1					9					23
1882 .....	2	4	4			4										
1883 .....																
Sow under 6 months old—																
1878 .....			1													1
1879 .....	3	1				2					6					12
1880 .....																
1881 .....																
1882 .....																
1883 .....																
Total—																
1878 .....	2	11	1			1				3	19	13				50
1879 .....	18	24				12			4	10	57	16	1			142
1880 .....	1	9	5							9	16	14		2		56
1881 .....	3	6	4			8				9	26	16		10		82
1882 .....	7	26	8	7	7	14				7	53	42	3	5	6	185
1883 .....	6	19	4	15	6	7				17	41	26	4	7	11	174
1884 .....	1	17		4	8	4	3	6		10	13	2	8	5	13	101

1878.

State.	CATTLE.		SHEEP.		HOGS.	
	No. en- tries.	Amount premiums paid.	No. en- tries.	Amount premiums paid.	No. en- tries.	Amount premiums paid.
Illinois .....	83	\$1,320	6	\$100	36	\$340
Kentucky .....	26	145				
Missouri .....	13					
Indiana .....	9	65			9	50
Iowa .....	6	25				
Wisconsin .....	1					
Michigan .....			5	40	3	20
Ohio .....					3	20
Canada .....			13	150		
Total .....	138	\$1,555	24	\$290	51	\$430

1879.

Illinois .....	260	\$1,970	199	\$505	112	\$305
Kentucky .....	16	200				
Missouri .....	4	15				
Indiana .....	8	50			11	45
Iowa .....	3	75				
Wisconsin .....	6		11			
Michigan .....			16	70	19	105
Ohio .....	6					
Canada .....			58	225		
Total .....	303	\$2,310	284	\$800	142	\$455

1880.

Illinois .....	229	\$1,305	110	\$345	42	\$215
Iowa .....	13	125				
Kentucky .....	6	125				
Ohio .....	5	15				
Indiana .....	2				14	150
Michigan .....			2	25		
Canada .....			26	170		
Total .....	25	\$1,570	138	\$540	56	\$365

1881.

Illinois .....	204	\$1,580	68	\$339	49	\$313
Wisconsin .....	14	170				
Kentucky .....	24	125	7	60		
Iowa .....	10	85				
Canada .....	3	80	35	190		
Michigan .....			11	54	12	79
Indiana .....					23	80
Total .....	255	\$2,040	121	\$643	84	\$472

1882.

Illinois .....	165	\$1,400	69	\$310	143	\$725
Ohio .....	10	30	5	17		
Canada .....	21	410	41	216		
Indiana .....	9	120			26	110
Iowa .....	27	420			3	20
Michigan .....	6		30	215	13	35
Total .....	238	\$2,380	145	\$758	185	\$890

State.	CATTLE.		SHEEP.		Hogs.	
	No. en-tries.....	Amount premiums paid.	No. en-tries.....	Amount premiums paid.	No. en-tries.....	Amount premiums paid.
Illinois .....	265	\$1,560	73	\$378	134	\$880
Indiana .....	59	330	.....	.....	31	160
Michigan .....	7	.....	34	212	9	70
Kentucky .....	38	80	.....	.....	.....	.....
Ohio .....	21	240	19	260	.....	.....
Iowa .....	20	185	.....	.....	.....	.....
Wyoming .....	13	.....	.....	.....	.....	.....
Canada .....	22	460	33	210	.....	.....
Missouri .....	13	.....	.....	.....	.....	.....
Total .....	458	\$2,855	159	\$1,060	174	\$1,110

Illinois .....	178	\$875	45	\$430	59	\$750
Indiana .....	96	715	.....	.....	8	35
Canada .....	22	485	.....	.....	.....	.....
Ohio .....	26	300	15	60	.....	.....
Kentucky .....	24	195	.....	.....	.....	.....
Iowa .....	36	85	.....	.....	16	130
Nebraska .....	26	85	.....	.....	.....	.....
Missouri .....	5	75	.....	.....	.....	.....
Kansas .....	11	20	.....	.....	.....	.....
Minnesota .....	10	.....	.....	.....	.....	.....
Michigan .....	.....	.....	31	530	18	150
Total .....	434	\$2,835	91	\$1,020	101	\$1,065

## STATE EXHIBITS.

The following table gives the total number of entries of Cattle, Sheep and Hogs exhibited from the several States at the seven Fat-Stock Shows, as well as the total amount of premiums paid thereon.

State.	CATTLE.		SHEEP.		Hogs.		TOTAL.	
	No. en-tries.....	Amount premiums paid.	No. en-tries.....	Amount premiums paid.	No. en-tries.....	Amount premiums paid.	No. en-tries.....	Amount premiums paid.
Illinois .....	1384	\$10,010	570	\$2,407	575	\$3,528	2529	\$15,945
Kentucky .....	134	870	7	60	.....	.....	141	930
Missouri .....	35	90	.....	.....	.....	.....	35	90
Indiana .....	183	1,280	.....	.....	122	630	305	1,910
Iowa .....	115	1,000	11	.....	19	150	145	1,150
Wisconsin .....	21	170	.....	.....	.....	.....	21	170
Michigan .....	13	.....	129	1,146	74	459	216	1,605
Ohio .....	68	585	39	337	3	20	110	942
Minnesota .....	10	.....	.....	.....	.....	.....	10	.....
Nebraska .....	26	85	.....	.....	.....	.....	26	85
Kansas .....	11	20	.....	.....	.....	.....	11	20
Canada .....	68	1,435	206	1,161	.....	.....	274	2,596
Wyoming Territory .....	13	.....	.....	.....	.....	.....	13	.....
Total .....	2081	\$15,545	962	\$5,111	793	\$4,787	3836	\$25,443



SALES—CLASS A—CATTLE.

Seller.	Breed.	Name of Animal.	Age in days .....	Average gain per day since birth..	Weight .....	Price received per 100 lbs. gross.....	Average increase in value per day since birth.....	*Price obtained over market rates at stock yards, 100 gross .....	Amount received over market val.
C. S. Barclay, West Liberty, Ia.	Short-Horn	Chunkey.....	1, 153	1.51	1, 750	\$8 00	\$0 12	\$1 50	\$26 25
	"	Cambria Boy 2d.....	1, 226	1.51	1, 860	8 00	0 12	1 50	27 90
	"	Champion 2d.....	1, 151	1.59	1, 830	7 00	0 11	1 00	18 30
	"	Cox.....	964	1.82	1, 760	7 00	0 13	1 00	17 60
	"	Joe Gault.....	894	1.98	1, 770	7 00	0 14	1 00	17 70
D. W. Smith, Bates.....	"	Hepoo.....	1, 085	1.66	1, 805	7 00	0 12	1 00	18 05
	"	Illustrious.....	1, 021	1.70	1, 742	7 00	0 12	1 00	17 42
	"	Daisy Boy.....	383	2.43	930	5 50	0 13	.....	.....
1884, Average 8 head.....	"	"	"	"	"	\$7 06	"	"	"
	"	"	"	"	"	6 97	"	"	"
	"	"	"	"	"	8 70	"	"	"
	"	"	"	"	"	6 42	"	"	"
	"	"	"	"	"	6 81	"	"	"
C. S. Barclay, West Liberty, Ia.	Gr. Short-Horn..	Starlight.....	925	1.55	1, 440	8 00	0 12	1 50	21 60
	"	John.....	1, 183	1.30	1, 540	6 75	0 09	0 25	3 85
	"	Harry.....	865	1.67	1, 450	7 75	0 13	1 25	18 12
	"	Matt.....	866	1.68	1, 460	7 75	0 13	1 25	18 25
	"	George.....	925	1.62	1, 505	7 00	0 11	1 00	15 05
	"	Jerry.....	1, 259	1.43	1, 805	7 00	0 10	1 00	18 05
	"	Dick.....	1, 255	1.58	1, 955	7 00	0 11	1 00	19 55
	"	Red Cedar.....	949	1.90	1, 806	7 00	0 13	1 00	18 06
	"	Thompson.....	987	1.74	1, 715	7 00	0 12	1 00	17 15
	"	Canada's Pride..	1, 683	1.51	2, 552	10 00	0 15	3 50	89 32
	"	Storm.....	1, 898	1.47	2, 700	8 00	0 11	1 50	40 50
	"	Conover.....	1, 250	1.87	2, 340	8 00	0 15	1 50	35 10
	"	Foster.....	1, 442	1.50	2, 170	8 00	0 12	1 50	32 55
	"	Paul Smith.....	1, 382	1.49	2, 065	8 00	0 12	1 50	30 97
	"	Crum.....	1, 284	1.49	1, 905	8 00	0 12	1 50	28 57
Canada West Farm Stock Association, Brantford, Ont. John D. Gillett, Elkhart.	"	L. Dean.....	1, 439	1.45	2, 186	8 00	0 12	1 50	32 79
	"	Star.....	87	1.15	1, 115	9 50	0 08	3 00	33 45
	"	Chub.....	1, 240	1.49	1, 850	9 50	0 14	3 00	55 50
	"	Red Bell.....	1, 290	1.42	1, 855	9 50	0 13	3 00	55 05
	"	Crum.....	1, 243	1.49	1, 855	8 75	0 13	2 25	41 74
John P. Gillett, Elkhart.	"	Kinkead.....	1, 170	1.64	1, 925	8 00	0 13	1 50	28 87

## Sales—Continued.

Seller.	Breed.	Name of Animal.	Age in days.....	Average gain per day since birth...	Weight.....	Price received per 100 lbs. gross.....	Average increase in value per day since birth.....	*Price obtained over market rates at stock yards, 100 gross.....	Amount received over market val.
J. R. Peak & Son, Winchester.....	Gr. Short-Horn.	Star W.....	975	1.84	1,795	\$7 75	\$0 14	\$1 25	\$23 47
"	"	Tornado.....	943	1.81	1,710	7 75	0 14	1 25	21 37
"	"	Winfield.....	917	1.76	1,620	7 75	0 14	1 25	20 25
"	"	Harry Clay.....	972	1.61	1,565	7 75	0 12	1 25	19 56
"	"	Gold King.....	880	1.81	1,600	8 00	0 14	1 50	24 00
"	"	Boss.....	929	1.77	1,660	7 75	0 14	1 25	20 85
1884, Average 27 head.....						\$7 97			
1883, " 52 ".....						7 73			
1882, " 22 ".....						8 32			
1881, " 37 ".....						7 48			
1880, " 4 ".....						6 05			
C. M. Culbertson, Chicago.....	Hereford.	Choctaw.....	1,077	1.65	1,785	8 00	0 13	1 50	26 77
Fowler & Van Natta, Fowler, Ind.....	"	Artless.....	1,374	1.13	1,560	8 50	0 10	2 00	31 20
Indiana Blooded Stock Co., Indianapolis, Ind.....	"	Robert.....	1,056	1.33	1,405	7 50	0 10	1 00	14 05
"	"	Prince.....	996	1.86	1,860	9 00	0 17	2 50	46 50
"	"	Maine Boy.....	951	1.73	1,555	9 00	0 15	2 50	38 87
1884, Average 5 head.....						\$8 40			
1883, " 3 ".....						6 72			
1882, " 1 ".....						8 50			
1881, " 5 ".....						9 00			
1880, " 2 ".....						12 50			
G. S. Burleigh, Mechanicsville, Ia.....	Grade Hereford.	Hattie.....	1,164	1.18	1,375	7 00	0 08	0 50	6 87
C. M. Culbertson, Chicago.....	"	Texas Jane.....	546	1.84	1,015	8 00	0 15	1 50	15 22
"	"	Savage.....	1,000	1.56	1,560	8 00	0 12	1 50	23 40
"	"	Fisher.....	941	1.66	1,560	8 00	0 13	1 50	23 40
"	"	Landrigan.....	941	1.75	1,650	8 00	0 14	1 50	24 75
"	"	Punk.....	926	1.76	1,630	8 00	0 14	1 50	24 45
Fowler & Van Natta, Fowler, Ind.....	"	Benton's Champion.....	1,801	1.76	2,300	13 00	0 23	6 50	149 50
"	"	Price.....	1,377	1.64	2,150	7 50	0 13	1 00	21 50
"	"	Rogers.....	1,118	1.56	1,750	9 00	0 14	2 50	43 75
"	"	Noble Boy.....	1,049	1.71	1,795	7 50	0 13	1 00	17 95
"	"	Victor.....	985	1.74	1,695	7 50	0 13	1 00	16 95

Fowler & Van Natta, Fowler, Ind.	Grade Hereford.	James.	920	1.86	1,715	7.50	0.14	1.00	17.50
Indiana Blooded Stock Co., Indianapolis, Ind.	"	Joseph.	688	2.22	1,530	7.50	0.17	1.00	15.30
T. C. Ponting, Moweauqua.	"	Nip.	932	1.84	1,700	9.00	0.18	2.50	44.00
Lucien Scott, Leavenworth, Kan.	"	John A. Logan.	867	2.09	1,845	10.00	0.21	3.50	63.52
1884, Average 16 head.	"	Jim Lee.	1,267	1.50	1,905	7.00	0.10	0.50	9.52
1883, " "	"					\$8.28			
1882, " "	"					7.87			
1881, " "	"					7.40			
1880, " "	"					9.41			
	"					12.50			
T. B. Wales & Son, Iowa City, Ia.	Holstein.	Minerva.	3,174	.60	1,920	5.50	0.03		
Total.									\$1600.40

\*The price for choice export Cattle for week of the Show did not average over \$6.50 per 100 pounds gross.



## SALES—CLASS C—SHEEP.

Seller.	Breed.	Name of Animal.	Age in days.....	Average gain per day since birth ....	Weight .....	Price received per 100 lbs. gross.....	Average increase in value per day since birth .....	*Price obtained over market rates at stock yds, 100 gross	Amount received over market value.
Stone & Loake, Stonington.....	Cotswold .....	Camargo .....	546	.30	167	\$6 00	\$0 02	\$1 75	\$2 92
Frank Willson, Jackson, Mich.....	" .....	MacK. ....	975	.29	280	10 00	0 03	5 75	16 00
1884, Average 2 head.....	" .....	" .....	" .....	" .....	" .....	\$8 00	" .....	" .....	" .....
1883, " 1 .....	" .....	" .....	" .....	" .....	" .....	8 00	" .....	" .....	" .....
1882, " 7 .....	" .....	" .....	" .....	" .....	" .....	7 00	" .....	" .....	" .....
Mrs. Ann Newton, Pontiac, Mich.....	Southdown.....	Tom.....	953	.19	178	8 00	0 01	3 75	6 67
" .....	" .....	Dick.....	590	.30	180	9 00	0 03	4 75	8 55
" .....	" .....	Percy .....	922	.14	129	8 00	0 01	3 75	4 84
1884, Average 3 head.....	" .....	" .....	" .....	" .....	" .....	\$8 33	" .....	" .....	" .....
1883, " 4 .....	" .....	" .....	" .....	" .....	" .....	8 00	" .....	" .....	" .....
Frank Willson, Jackson, Mich.....	Cotsw'd-So'dw'n	Murphy.....	974	.28	275	10 00	0 03	5 75	15 81
" .....	" .....	Ned.....	973	.26	249	10 00	0 02	5 75	14 32
" .....	" .....	Ted.....	972	.24	234	10 00	0 02	5 75	13 45
1884, Average 3 head.....	" .....	" .....	" .....	" .....	" .....	\$10 00	" .....	" .....	" .....
Mrs. Ann Newton, Pontiac, Mich.....	Hampshire.....	Jumbo.....	977	.24	232	8 00	0 02	3 75	8 70
Stone & Loake, Stonington .....	Gr. Hampshire .....	Hudson.....	169	.61	104	4 00	0 02	" .....	" .....
Mrs. Ann Newton, Pontiac, Mich.....	H'pshire-C'ts'w'd	Will .....	580	.37	215	9 00	0 03	4 75	10 21
Stone & Loake, Stonington .....	Oxford... ..	Garfield.....	536	.34	186	10 75	0 04	6 50	12 09

Stone & Loake, Stonington.....	Grade Oxford...	Sanders.....	189	.52	99	4 00	0 02	.....	.....
" " ".....	" ".....	Smut.....	541	.30	161	11 18	0 03	6 43	10 35
" " ".....	" ".....	Perfection.....	533	.31	165	6 00	0 02	1 75	2 89
" " ".....	" ".....	Hero.....	546	.31	163	6 00	0 02	1 75	2 96
1884, Average 4 head.....	.....	.....	.....	.....	.....	\$6 79	.....	.....	.....
Stone & Loake, Stonington.....	Gr. Shropshire...	Economy.....	907	.16	145	6 00	0 01	1 75	2 54
Mrs. Ann Newton, Pontiac, Mich.....	S'pshire-So'd'wn	Lue.....	941	.19	179	8 00	0 01	3 75	6 71
Total.....	.....	.....	.....	.....	.....	.....	.....	.....	\$139 11

\* The price of strictly choice grades of sheep for the week of the Show did not average over \$4.25 per 100 pounds gross.

## SALES—CLASS D—SWINE.

Seller.	Breed.	Name of Animal.	Age in days .....	Average gain per day since birth ....	Weight .....	Price received per 100 lbs. gross.....	Average increase in value per day since birth.....	*Price obtained over market rates at stock yards, 100 gross	Amount received over market value.
Geo. F. Davis & Co., Dyer, Ind .....	Victoria.....	Prince Beauty .....	472 260	.90 1.25	423 200	\$4 75 4 75	\$0 06 0 06	\$0 25 0 25	\$1 06 50
1884, Average 2 head.....						\$4 75 5 25			
1883,									
Geo. F. Davis & Co., Dyer, Ind.....	Grade Victoria .....	Dick .....	455	.93	425	4 75	0 04	0 25	1 06
Stone & Loake, Stonington .....	" .....	Tom .....	455	.81	370	4 75	0 04	0 25	92
	" .....	Jack .....	408	1.01	423	4 50	0 04		
1884, Average 3 head.....						\$4 67 5 25			
1883,									
Frank Willson, Jackson, Mich.....	Essex.....	George .....	531	.96	509	5 00	0 05	0 50	2 54
" .....	" .....	Frank .....	318	1.12	355	5 00	0 05	0 50	1 77
" .....	" .....	Watson .....	197	1.10	217	5 00	0 05	0 50	1 08
1884, Average 3 head.....						\$5 00 5 25			
1883,									
Frank Willson, Jackson, Mich.....	Suffolk .....	Jim .....	160	.98	156	5 00	0 05	0 50	78
" .....	" .....	Tom .....	160	1.28	205	5 00	0 06	0 50	1 02
" .....	" .....	Peter .....	405	.68	275	5 00	0 03	0 50	1 37
" .....	" .....	Carl .....	405	.79	319	5 00	0 04	0 50	1 59
" .....	" .....	Jerry .....	405	.83	336	5 00	0 04	0 50	1 68
1884, Average 5 head.....						\$5 00 5 25			
Adam Donaldson, Pleasant Valley, Ia.....	Duroc Jersey Red .....	Red Boy 2d .....	341	1.24	424	4 50	0 05		
" .....	" .....	Red Boy 3d .....	341	1.24	423	4 50	0 05		
" .....	" .....	Red Boy 4th .....	341	1.17	399	4 50	0 05		
" .....	" .....	Red Boy 5th .....	341	1.19	370	4 50	0 05		
" .....	" .....	Major Winfield .....	430	1.32	567	4 50	0 06		





## COMPARISON OF SALES.

The following table is given in order that a comparison may be made, so far as reported, of the prices obtained for stock exhibited and sold at the last five Fat-Stock Shows.

Year.	BREED CATTLE.	No. head.	Price per 100 pounds, gross.
1880.....	Short-Horn.....	6	\$6 81
1881.....	“.....	3	6 42
1882.....	“.....	5	8 70
1883.....	“.....	8	6 97
1884.....	“.....	8	7 06
Average.....	.....	6	\$7 19
1880.....	Grade Short-Horn.....	2	6 05
1881.....	“.....	27	7 48
1882.....	“.....	22	8 32
1883.....	“.....	52	7 73
1884.....	“.....	27	7 97
Average.....	.....	28	\$7 51
1880.....	Hereford.....	1	12 50
1881.....	“.....	5	9 00
1882.....	“.....	1	8 50
1883.....	“.....	3	6 72
1884.....	“.....	8	8 40
Average.....	.....	3	\$9 02
1880.....	Grade Hereford.....	2	12 50
1881.....	“.....	11	9 41
1882.....	“.....	5	7 40
1883.....	“.....	21	7 87
1884.....	“.....	16	8 28
Average.....	.....	11	\$9 09
1880.....	Devon.....	2	6 50
1881.....	“.....	6	6 50
Average.....	.....	4	\$6 50
1884.....	Holstein.....	1	5 50
BREED SHEEP.			
1882.....	Cotswold.....	7	\$7 00
1883.....	“.....	1	8 00
1884.....	“.....	2	8 00
Average.....	.....	3	\$7 67
1883.....	Grade Cotswold.....	4	6 50
Average.....	.....	4	\$6 50
1883.....	Grade Leicester.....	1	8 00
Average.....	.....	1	\$8 00
1883.....	Southdowns.....	4	8 00
1884.....	“.....	3	8 33
Average.....	.....	3	\$8 16
1883.....	Shropshire.....	10	8 00
Average.....	.....	10	\$8 00
1883.....	Merino.....	5	6 79
Average.....	.....	5	\$6 79

*Comparison of Sales—Continu*

Year.	BREED SHEEP.	No. head.	Price per 100 p gross.
1882.....	Grade Merino .....	5	\$8 50
Average .....		5	\$8 50
1884.....	Cotswold-Southdown .....	3	10 00
Average .....		3	\$10 00
1884.....	Hampshire.....	1	8 00
Average .....		1	\$8 00
1884.....	Grade Hampshire.....	1	4 00
Average .....		1	\$4 00
1884.....	Hampshire-Cotswold.....	1	9 00
Average .....		1	\$9 00
1884.....	Oxford.....	1	10 75
Average .....		1	\$10 75
1884.....	Grade Oxford.....	4	6 79
Average .....		4	\$6 79
1884.....	Grade Shropshire.....	1	6 00
Average .....		1	\$6 00
1884.....	Shropshire-Southdown .....	1	8 00
Average .....		1	\$8 00
BREED SWINE.			
1883.....	Berkshire.....	5	\$5 25
Average .....		5	\$5 25
1882.....	Poland China.....	1	7 00
1883.....		4	5 25
Average .....		2	\$6 12
1882.....	Chester White.....	4	7 50
1883.....		4	5 25
Average .....		4	\$6 37
1883.....	Victoria.....	9	5 25
1884.....		2	4 75
Average .....		5	\$5 00
1883.....	Grade Victoria.....	2	5 25
1884.....		3	4 67
Average .....		2	\$4 96
1883.....	Essex.....	2	5 22
1884.....		3	5 00
Average .....		2	\$5 12



## Comparison of Sales—Continued.

Year.	Breed Swine.	No. head.	Price per 100 pounds, gross.
1882.....	Duroc Jersey Red.....	6	\$6 83
1883.....	" " ".....	5	5 55
1884.....	" " ".....	12	4 41
Average.....	.....	8	\$5 60
1883.....	Grade Duroc.....	5	5 55
Average.....	.....	5	\$5 55
1884.....	Suffolk.....	5	5 00
Average.....	.....	5	\$5 00

## SUMMARY OF SALES.

The summary of the sales made of cattle, sheep and hogs exhibited at the Fat-Stock Shows, is given in the following tables so far as reported.

The limited number included in the table is partially accounted for by the fact that a large portion of the younger animals were held and fed for future shows.

## CATTLE.

Breed.	Number of head.	Average price per 100 lbs., live weight.
Short-Horns.....	30	\$7 19
Grade Short-Horns.....	140	7 51
Herefords.....	15	9 02
Grade Herefords.....	65	9 09
Devon.....	8	6 50
Grade Devon.....	2	6 00
Ayrshire.....	1	6 09
Holstein.....	1	5 50

In the average price obtained per pound, live weight, the breeds of cattle take precedence as follows: Grade Herefords, Herefords, Grade Short-Horns, Short-Horns, Devons, Grade Devons, Ayrshires and Holsteins.

## SHEEP.

Breed.	Number of head.	Average price per 100 lbs., live weight.
Cotswold.....	10	\$7 67
Grade Cotswold.....	4	6 50
Grade Leicester.....	1	8 00
Southdown.....	7	8 10
Shropshiredown.....	10	8 00
Merino.....	5	6 79
Grade Merino.....	5	8 50
Cotswold-Southdown.....	3	10 00
Hampshire.....	1	8 00
Grade Hampshire.....	1	4 00
Hampshire-Cotswold.....	1	9 00
Oxford.....	1	10 75
Grade Oxford.....	4	6 79
Grade Shropshire.....	1	6 00
Shropshire-Southdown.....	1	8 00

## Comparison of Sales—Continued.

## HOGS.

Breed.	Number of head.	Average price per 100 lbs., live weight.
Berkshire.....	5	\$5 25
Poland China.....	5	6 12
Chester White.....	8	6 37
Victoria.....	11	5 00
Grade Victoria.....	5	4 98
Essex.....	5	5 12
Duroc Jersey Red.....	23	5 60
Grade Duroc Jersey Red.....	5	5 55
Suffolk.....	5	5 00

## FINANCES.

The receipts in connection with the Fat-Stock Show, as well as the donations of money for the general expense fund and for special premiums, are given in the following table:

Year.	RECEIPTS.			
	Gate Permits, etc.	Donations	Special Premiums	Total.
1878.....	\$3,024 06	\$1,600 00	.....	\$4,624 06
1879.....	4,701 08	2,770 00	.....	7,471 08
1880.....	2,633 39	3,295 00	\$473 90	6,392 29
1881.....	2,967 75	4,085 00	808 00	7,860 75
1882.....	6,271 90	3,435 00	953 00	10,659 90
1883.....	8,808 90	3,720 00	3,914 00	16,442 90
1884.....	8,789 95	3,670 00	3,763 00	16,252 95
	\$37,187 03	\$22,575 00	\$9,911 90	\$69,673 93

The disbursements, etc., in connection with the seven Fat-Stock Shows, including the regular and special premiums awarded, as well as the deficit or credit for each exhibition, are given in the following table:

Year.	PREMIUMS.			Expenses oth'r than Premiums	Total Expense.	Balance.	Deficit.
	Regular.	Special.	Total.				
1878.....	\$2,395 00	.....	\$3,395 00	\$2,680 87	\$5,075 87	.....	\$451 81
1879.....	4,221 73	.....	4,221 73	5,110 59	9,332 32	.....	1,861 24
1880.....	2,450 76	\$473 90	2,924 66	4,045 81	6,970 47	.....	578 13
1881.....	3,223 00	808 00	4,131 00	3,747 78	7,878 78	.....	18 03
1882.....	4,354 00	953 00	5,307 00	4,678 34	9,985 34	\$674 56	.....
1883.....	5,155 00	3,914 00	9,069 00	7,029 52	16,098 52	344 38	.....
1884.....	4,920 00	3,763 00	8,683 00	7,713 34	16,397 34	.....	174 39
	\$26,819 49	\$9,911 90	\$36,731 39	\$35,007 25	\$71,738 64	\$1,018 94	\$3,083 65

# PREMIUMS PAID.

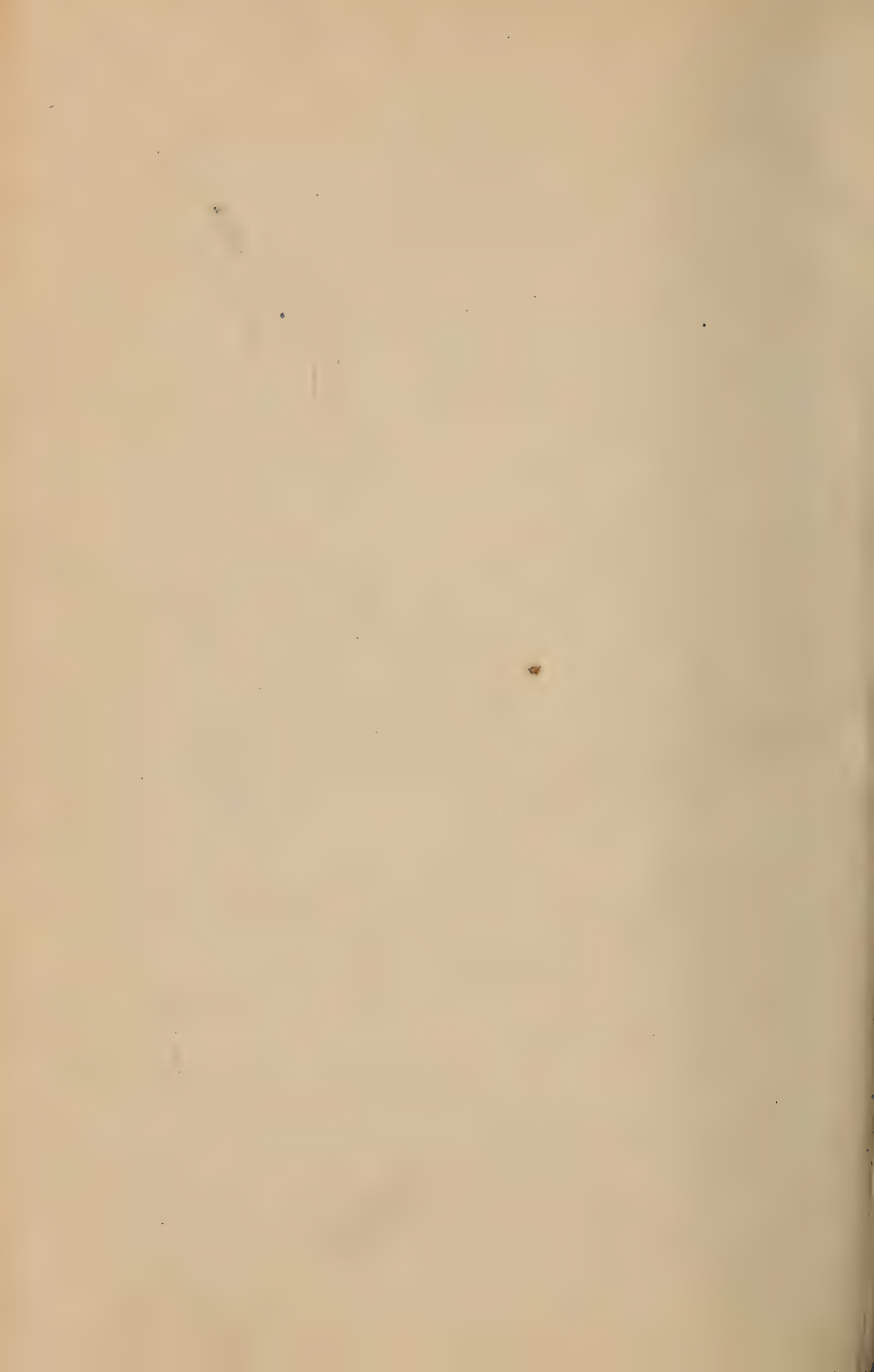
The following table gives the total number of entries of cattle, sheep and hogs exhibited at the seven Fat-Stock Shows, as well as the total premiums (except specials) paid thereon for the years named :

Year.	CATTLE.		SHEEP.		HOGS		TOTAL.	
	Number of entries.	Amount prem's paid.	Number of entries.	Amount prem's paid.	Number of entries.	Amount prem's paid.	Number of entries.	Amount prem's paid.
1878.....	138	\$1,555	24	\$290	51	\$430	213	\$2,275
1879.....	303	2,310	284	800	142	455	729	3,565
1880.....	255	1,570	138	540	56	365	449	2,475
1881.....	255	2,040	121	643	84	472	460	3,155
1882.....	238	2,380	145	758	185	890	568	4,028
1883.....	458	4,855	159	1,060	174	1,110	791	5,025
1884.....	434	2,835	91	1,020	101	1,065	626	4,950
Total .....	2,081	\$15,545	962	\$5,111	793	\$4,787	3,836	\$25,443



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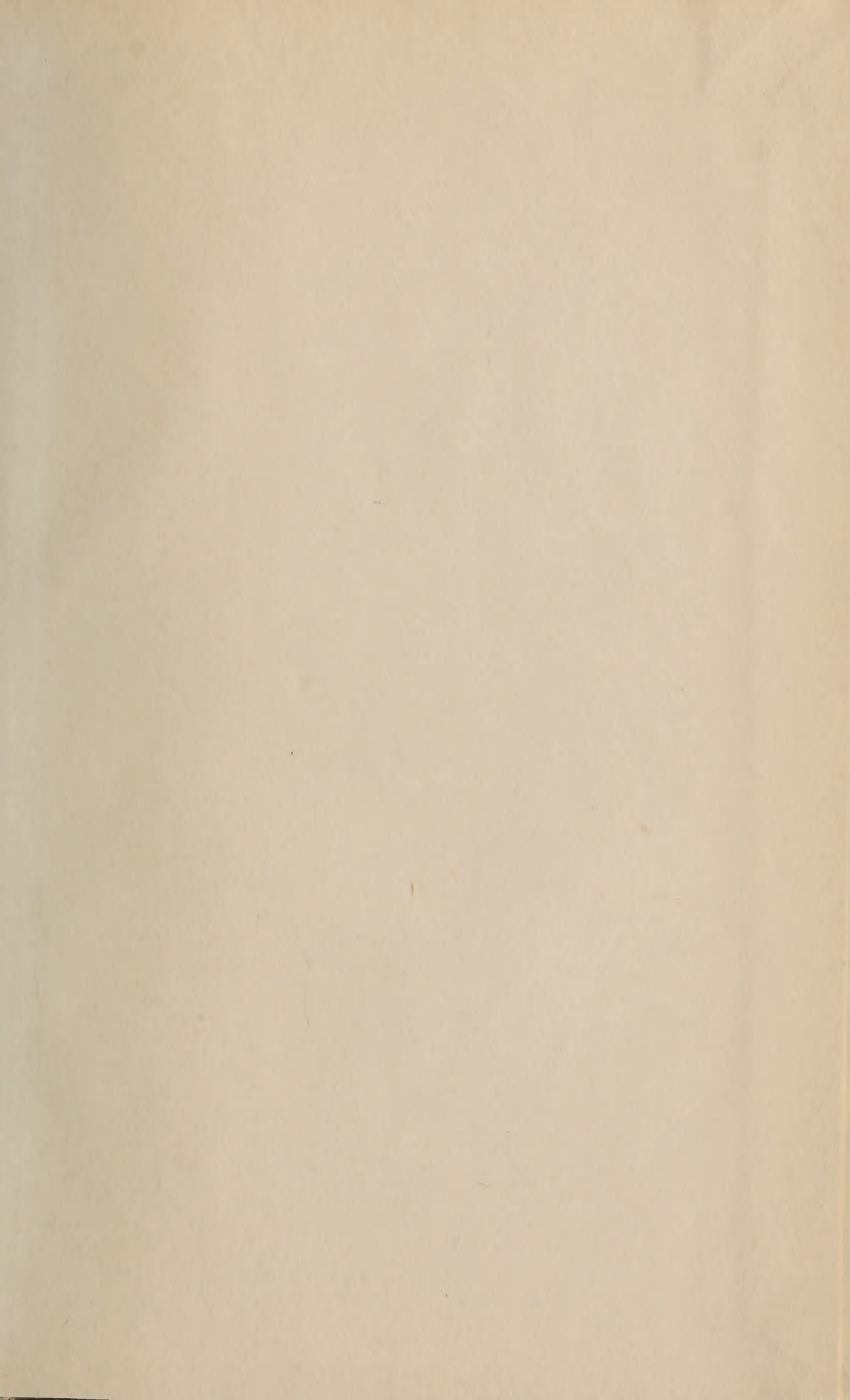
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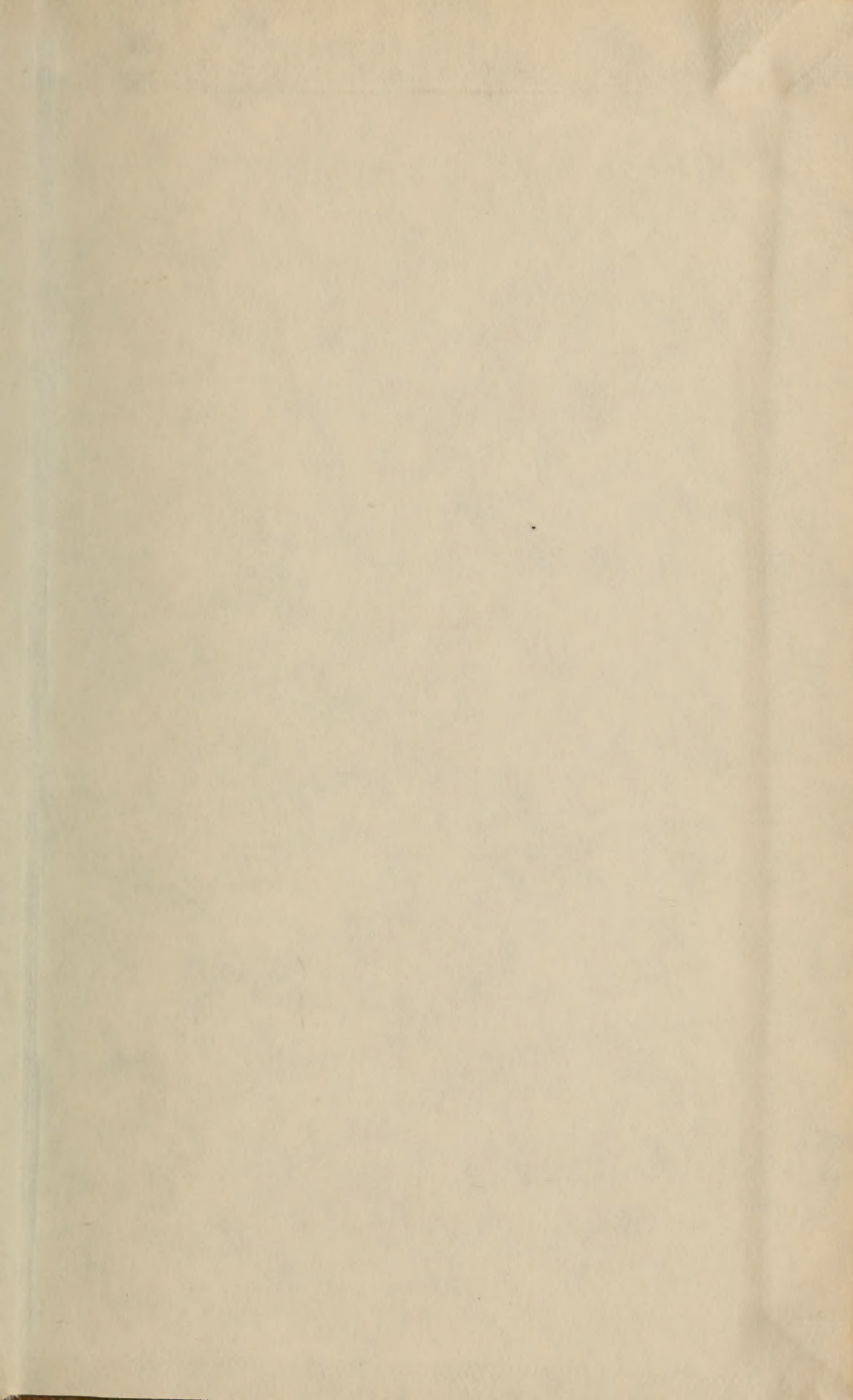












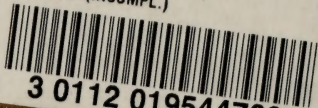
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